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ABSTRACT

This document overviews the supporting relation of a Management Information System (MIS) to a Program Planning Budgeting Evaluation system (PPBE) and then concentrates on the financial tract aspects of an MIS. First, five tract areas in which an MIS provides information are discussed: pupils, personnel, finance, facilities, and community. Then, an indepth presentation is made of the finance tract by presenting the processes that administrators can use in building a financial plan to match a preplanned level of goals and objectives. The manual presents an overview of the budgetary process, suggests the way in which an MIS might be implemented, and explains and presents examples of a program oriented budgetary system. The mechanical aspects of the budgetary process (forms required, keypunch instructions, etc.) are described, and budget reporting is discussed. The finance tract information includes a separately presented computerized budget planning printout designed to assist the school district administration in developing a suitable master financial plan. (DN)

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MANAGEMENT INFORMATION SYSTEM PROJECT

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Administrators Manual to the Program Oriented Accounting System The Budgetary Process

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Fall 1972

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CHAPTER I

INTRODUCTION

Finance Tract of MIS and PPBES

A Planning, Programming, Budgeting, Evaluation System (PPBES) is an integrated system to provide educators with more and better information for planning and choosing alternative ways that funds can be allocated to achieve educational goals. Thus the program budget is more than a method of budgeting by program. It is an overall approach to planning, decision-making and evaluation designed to provide accountability for the use of educational resources.

The Management Information System (MIS) serves the PPBES concept by making available the information required to carry out the activities of the four components of program budgeting. Haggert has identified these components.[1]

1. Structure-objectives and program structure
2. Analysis-identification of alternative ways of meeting objectives and cost-effectiveness analysis
3. Control-quality of implementation of ways to meet objectives
4. Information-support for the analytical and control processes

The Management Information System, by providing information in five tract areas, supports the activities of the four components. The five tracts contain information on pupils, personnel, finance, facilities, and community.

The most important single task to be accomplished in moving to a program budget is the development of a program structure. Haggart[2] describes two approaches to the development of a program structure; prescriptive and descriptive. The former approach "defines programs according to a conception of what the schools ought to be doing. The latter is more descriptive. It identifies programs and objectives in-

[1] Haggart, Sue A. Program Budgeting for School District Planning. Educational Technology Publications. Englewood Cliffs, N.J., 1972

[2] Ibib.

ductively from relationships among actual, ongoing activities." The Finance Tract of the Management Information System has approached the task of developing a program structure descriptively. This seems like a more practical approach, but it does not rule out the possibility of moving toward "what schools ought to be doing."

The computerized budget planning portion of the Finance Tract basically serves as a tool to assist the school district administration in developing a suitable master financial plan.

Multiyear formalizing of district educational goals for all levels of the educational process is normally accomplished before the availability of monies to fund this process is determined. As a result, goals and objectives may have to be subsequently modified to accommodate appreciable socio-economic changes experienced by the school district. These changes must also be reflected in the budgeting plan and can be facilitated by using a computerized program budgeting system.

A Planning, Programming, Budgeting, Evaluation System (PPBES) is a concept of the application of several management tools designed to provide educators a system for scientific management. Utilizing the term system implies continuity. Each phase, Planning, Programming, Budgeting, and Evaluation is dependent upon one another. The removal of one or more phases destroys the system concept.

The major purpose is to provide educators program cost analysis specifically designed to compare with school districts established goals and objectives with the financial resources necessary to achieve the goals and objectives. This process is evaluation and implies a need for decision making.

This manual presents the processes administators may use to build a companion financial plan to arrive at the preplanned level of goals and objectives.

CHAPTER II

OVERVIEW

The Budgetary Process of the Finance Tract

Planning, Programming, Budgeting, Evaluation Systems (PPBES) is an administrative tool used by administrators to address the following five questions.

1. GOALS: What are our educational needs and desires?

2. OBJECTIVES: What must we do to reach these goals?

3. PROGRAMS: What programs, of those possible, should be pursued to attain our objectives?

4. EVALUATION: How well did we pursue our objectives?

5. REVIEW AND RECYCLE: What adjustments do we make for the next cycle?[3]

Implementation and utilization, on a timely basis, of the Budgetary Process of the Finance Tract System may be used to finalize the first three questions. To a major degree the answer to these questions are dependent on the total resources available coupled with the desires of the students in attendance. These available resources are displayed in part or total in preliminary printouts of the budgetary process.

The fourth question, EVALUATION, being separate from the budgetary process, is best handled in the STAFF and PUPIL tracts of MIS.

By utilizing the previous years printouts for initial budgetary planning supplemented by current goals it is possible to simulate the fifth question, REVIEW and RECYCLE. It may be necessary to to make modifications in order to establish the PPBES master plan.

[3]School Management Institute. PPBS For People Who Don't Understand PPBS, St. No. 1071-1500, 1971.

Operations Environment

Computerized budgeting as developed for the FINANCE tract under MIS in cooperation with the Mason City School District is supported and fulfilled by the following requirements:

SYSTEM-IBM 360 Model 65-OS-MVT
768,000 Bytes Main Storage-HASP System

PROGRAMMING LANGUAGE-ANS COBOL

SYSTEM OPERATION SEQUENCE-As Described on Budget System Flowchart

PROGRAMS-Detailed Description in Data Processors Manual

CORE	BYTES
*BSELECT	68K
*BPRORATE	80K
FIBUDCUP	98K
FIBUDLST	62K
FISELECT	48K
*SCH21	74K
*SCHLST	40K
*SFOLST	66K
SALRYLST	38K
VENDRLST	50K

SPECIAL FORMS REQUIREMENTS

SCH21	12 x 8 1/2 White Thesis Paper
SCHLST	12 x 8 1/2 White Thesis Paper
SFOLST	11 x 8 1/2 White Thesis Paper

All other output is on standard 14 3/8 x 11 computer paper multicopy or part as required.

*NOTE: Some individual core requirement may be reduced by reducing table sizes within programs.

CHAPTER III

IMPLEMENTATION

Step Regression of the Budgeting Process

PPBES is an ongoing continuous cycle and a school district may begin implementation almost at any point. For MIS purposes, it is suggested that a realistic beginning point Step 1 is establishing District Level Goals. (See Figure 1). This may be followed by District Level Objectives and ultimately specific Program Level Objectives.

Figure 1 suggests that this process could parallel other implementation steps and input made at step 3. In Step 1 the school district assigns responsibility for budgeting to an individual who is familiar with the budgeting environment of the district and who also has some knowledge of basic data processing techniques. In Step 2 a series of orientation meetings are held to familiarize personnel with the coding structure they will be using in the budgeting process. (See Chapter 4). Step 3 is a listing of initial requests for resources to fulfill specific program objectives. These initial requests are prepared on Forms F-FI-1, F-FI-2, F-FI-4, and F-FI-5. (Figures 7, 8, 9, and 10). These forms are designed to provide computer input; the computer processing then does the necessary computations involved and summarizes the items in the appropriate categories (Step 6).

In Step 6 the budget director (Step 1) works with school personnel to help them correct and reconcile errors on the listing of initial budget requests. When this listing is error-free, the first budget run is made. Step 6 provides for as many budget runs as necessary, each with subsequent modifications, to reconcile the estimated cost of achieving established program objectives and the resources available to the school district.

The result is Step 7, a tentative school district budget for submission to approval agencies.

The Finance Tract Structure is illustrated in Figure 2. Examples are intended to show the relationships between the organizational unit and the course or activity and are not intended to be anything other than a guide.

THE BUDGETING PROCESS

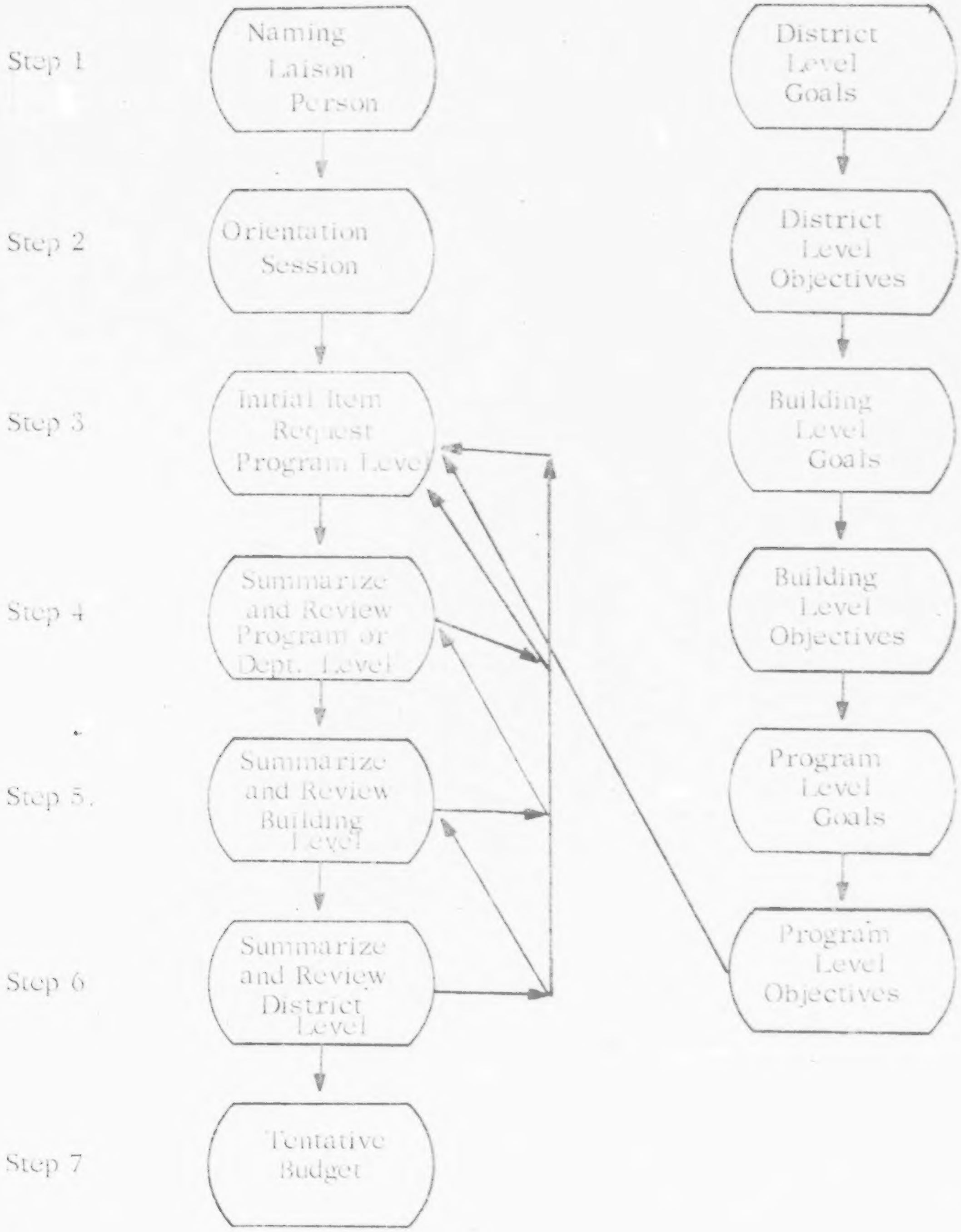
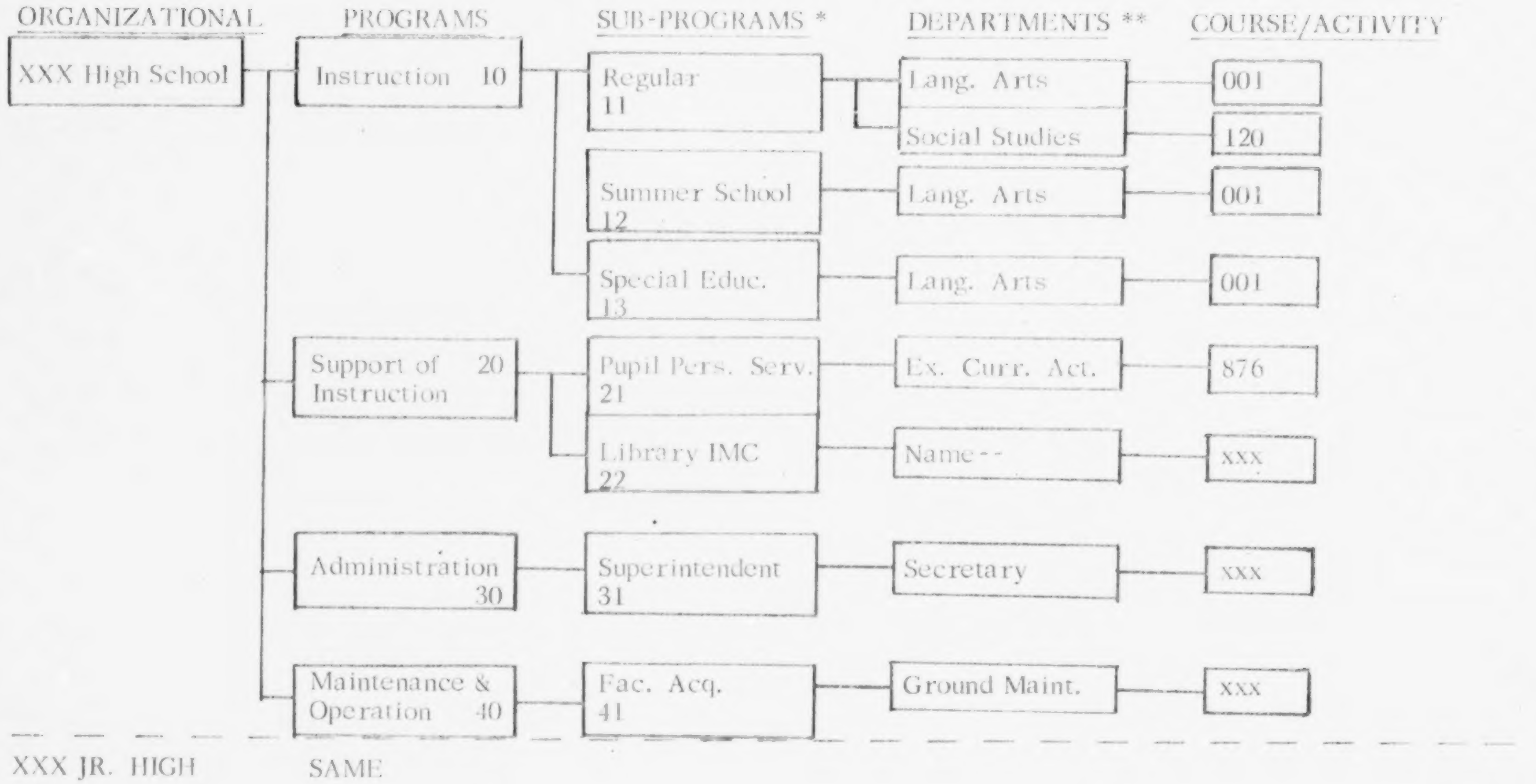


Figure 1

FINANCE TRACT STRUCTURE



* USE IS OPTIONAL
** 60 LEVELS TO EACH PROGRAM

Figure 2

CHAPTER IV

Program-Oriented

Account Code Number System

Account Code Classifications

This program oriented system uses an eighteen (18) digit field to identify projected budget items (See Figure 3). The assignment of the number to individual budget line items should be within the guidelines established through the following plan:

Definitions:

Fiscal Year (1, 2=XX): The first two digits of the eighteen digit field identify the fiscal year. A fiscal year is the twelve month period of time to which the annual budget applies. A fiscal year is coded by the two digit number representing the last digits of the calendar year in which the fiscal year ends (i.e. 74).

Fund (3, 4=XX): The next two digits (3 and 4) identify the fund. A fund is an independent fiscal and accounting entity which is segregated for the purpose of carrying on specific activities of the school district in accordance with special regulations, restrictions, or limitations. A two digit number is used to identify fund, (i.e. 22 school site of the schoolhouse fund).

Organizational Unit (5, 6, 7=XXX): The next three digits are used to identify the organizational unit. The first digit of this three digit code number indicates the educational level, elementary, junior high, senior high, or total system. The last two digits identify the building or cost center (i.e. 427 Harding Elementary School).

Program-Subprograms (8, 9=XX): Two digits are used to identify the Program Subprogram. The first digit of this two digit field identifies the major functions within the cost center. Four major programs have been identified: Instruction, Support of Instruction, Administration, and Maintenance and Operations. The second digit in this field indicates divisions in the four basic programs. In the Instructional Program, these divisions identify special instructional programs such as Special Education and special terms such as Summer School. In Support of Instruction Program, examples of major divisions are Pupil Personnel Services and Department of Educational Technology.

The major divisions of the Administrative Program relate to positions and assignments of administrative personnel in the district, for example: Board of Education, Superintendent, Business Office. In the Maintenance and Operations Program, major subdivisions include Facilities Construction, Maintenance and Operations Program, major subdivisions include Facilities Construction, Maintenance and Operation for the regular school year and for summer, and Utilities (i.e. 12 Instruction, Summer School).

Department (10, 11=XX): This two digit number identifies subject matter areas of the curriculum (i.e. 30 Language Arts).

Course (12, 13, 14=XXX): This three digit number specifies the courses into which subject matter areas are broken. (In the future, this field can be used to identify specific objectives of the subject matter or activity).

Object-Activity (15, 16, 17, 18=XXXX): The first two digits of this four-digit field identifies the object of an expenditure. This code identifies that which is received in exchange for an expenditure.

There are two options suggested in the use of the last two digits of this four-digit field. Utilizing option one the last two digits identify the activities assigned to staff members (See Option 1 page 14).

The use of Option 2 allows discrete definition of expenditure by activity within each program.

Option 1 more nearly represented the traditional function-object budget,whereas , Option 2 presents a method of transformation to a complete program budgeting system.

The administration must be aware of problems which may arise as a result of having one organization unit using Option 1 and a second organization unit using Option 2. Selection from the options available must be made prior to implementation.

Illustrations:

On pages 12 through 25 are examples of coding for typical applications of program budgeting. Please note that the assignment of numbers is arbitrary within the following parameters:

1. The FUND number 10, 20, 30, 40, and 50 apply to funds designated as the General Fund, Schoolhouse Fund, Federal Projects, Clearing Fund and Activity Fund. As noted on page 12 the assignment of 21, 22, and 23 may be apportioned as parts of the schoolhouse fund and 31, 32, and 33 are parts of Federal Projects.

2. The 400 series of numbers refers to elementary schools; 200 series to Junior High; 100 series to Senior High; and 500 to 999 may be used for Central Office.

3. The first digit of the two digit program field must be identified as 1, 2, 3, or 4 which identifies the four areas of Instruction, Support of Instruction, Administration, Maintenance and Operation.

EIGHTEEN-DIGIT FIELD ACCOUNT CODE

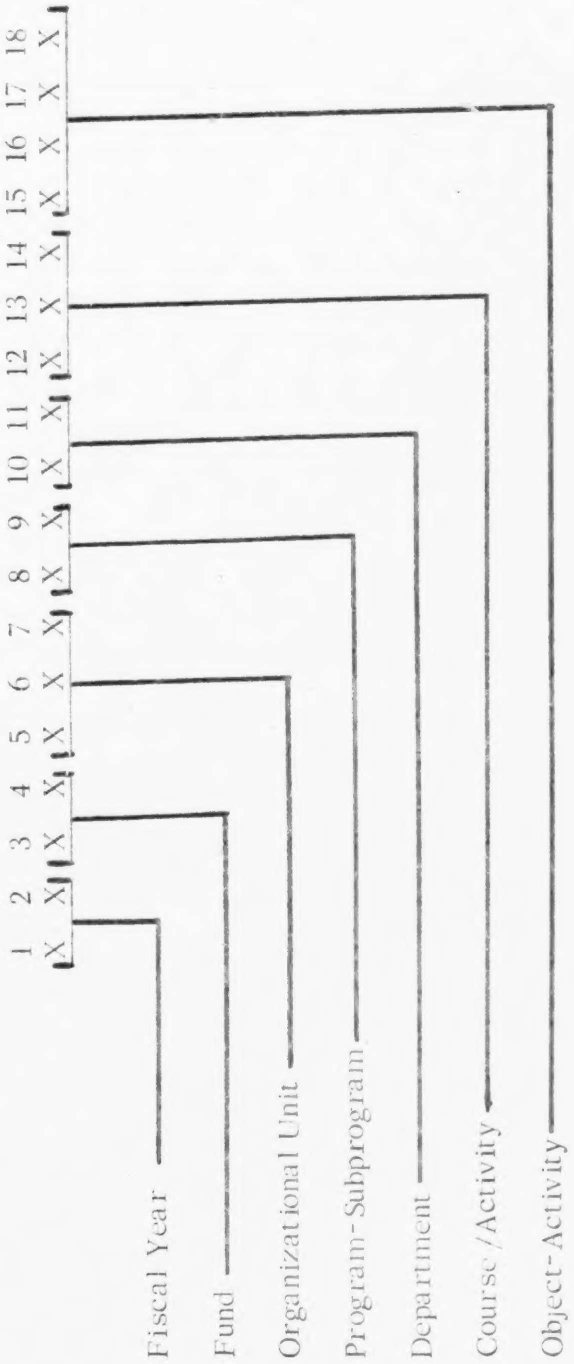


Figure 3

FISCAL YEAR (XX) (1, 2)

73	FY	1973
74	FY	1974
75	FY	1975
76	FY	1976
77	FY	1977
78	FY	1978
79	FY	1979

FUND (XX) (3, 4)

- 10 General Fund
- 20 Schoolhouse Fund
  - 21 Schoolhouse
  - 22 School Site
  - 23 Bond
- 30 Federal Projects
  - 31 Title I
  - 32 Head Start
  - 33 Career Education
- 40 Clearing Fund
- 50 Activity Fund

ORGANIZATIONAL UNIT (XXX) (5, 6, 7)

Elementary 400-499

400	All Elementary Schools	459	Central Heights
409	Garfield	463	Madison
418	Grant	472	McKinley
427	Harding	481	Roosevelt
436	Hoover	490	Washington
445	Jefferson		
454	Lincoln		

Junior High 200-299

200	All Junior High Schools
209	John Adams
218	Monroe
227	Roosevelt

ORGANIZATIONAL UNIT (XXX) (5, 6, 7)
(Continued)

High School 100-199

100 All High Schools
109 Senior High School

System Wide

500 Central Office (All Levels)

PROGRAM (X) (8)
SUBPROGRAM (X) (9)

1X Instruction
- 11 Regular School Year
- 12 Summer School
- 13 Special Education
- 14 Continuing Education
- 15 Extra-Curricular
- 16 Career Education (?)

2X Support of Instruction
- 21 Pupil Personnel Services
- 22 Department of Educational Technology (Instructional Materials Center)
- 23 Special Services
- 24 Food Services
- 25 Pupil Transportation
- 26 Management Information System

:

3X Administration
- 31 Board of Education
- 32 Superintendent
- 33 Curriculum and Instruction
- 34 Business Office
- 35 Building Administration

:

4X Maintenance and Operation
- 41 Facilities Acquisition and Construction
- 42 Maintenance and Operation--Regular School Year
- 43 Maintenance and Operation--Summer
- 44 Utilities

:

DEPARTMENTS (XX) (10, 11)

00	Does Not Apply
01	Foreign Language
02	Social Studies
03	Mathematics
04	Science
05	Business Education
06	Office Coop.
07	D. E. Coop.
08	Home Economics
09	Vocational Agriculture
10	Trades and Industry
11	Industrial Arts
12	Art
13	Vocal Music
14	Instrumental Music
15	Physical Education
16	Drive Education
30	Language Arts
	31 Reading
	32 Spelling
	33 Writing
60	All Subject Matter Areas

COURSE/ACTIVITY (XXX) (12, 13, 14)

Course numbers are those assigned for student scheduling at the secondary level. At the elementary level, course number field may be used to identify unit, grade level, or activity.

OPTION 1

DEFINITIONS OF EXPENDITURE CODE BY OBJECT AND ACTIVITY

Certified Salaries: Salaries paid to staff members in positions which require certification by the State Department of Public Instruction.

Non-Certified Salaries: All salaries and wages paid which are not classified as certified salaries. (Expenditure type serves as a position code.)

Employee Benefits: Those expenses for employee retirement and other fringe benefits.

Supplies: Items which are categorized as supplies must meet at least one of the following criteria: 1) consumable, 2) item is processed in some way before use, or 3) item costs less than ten dollars.

Materials: Print and non-print items which are purchased or rented in a form which is directly usable. Examples include: books, films, tape recordings, etc.

Repair and Replacement of Equipment: Expenditures for the repair and replacement of capital outlay equipment.

Capital Outlay: Expenditures made for equipment costing more than ten dollars and expenditures for new construction or remodeling of facilities.

Contracted Services: Those services which are jobbed out to agencies or individuals outside of the school system.

OBJECTS (XX) (15, 16)

1 Certified Salaries
- 1 Regular
- 2 Extended Contract

2 Non-Certified Salaries and Wages
- 1 Regular
- 2 Overtime

3 Employee Benefits
- 1 Social Security
- 2 State Retirement
- 3 Health Insurance
- 4 Life Insurance
- 5 Disability Income Protection
- 6 Workman's Compensation

4 Supplies

5 Instructional Materials
- 1 Textbooks
- 2 Audio-Visual Materials
- 3 Periodicals
- 4 Testing of Materials
- 5 Rental of Audio-Visual Materials

OBJECTS (XX) (15, 16)

6 Workbooks and Weeklies
7 Other Instructional Materials

6 Repair and Replacement of Equipment
1 Replacement
2 Repair

7 Capital Outlay
1 New Equipment
2 New Construction
3 Building Alterations
4 Land Acquisition

8 Contracted Services
1 Insurance and Bond Premiums
2 Professional Services
3 Technical Services
4 Transportation
5 Reimbursements
6 Dues and Memberships
7 Communications
8 Shipping

9 Other Costs
1 Resale
2 Debt Service
3 Contingency

ACTIVITIES (XX) (17, 18)

01 Accounting
02 Activity Sponsor
03 General Administration
04 Attendance Services
05 Attorney
06 Auditing
07 Bookkeeping
08 Budgeting
09 Carpenter
10 Census
11 Clerical and Secretarial
12 Coaching

ACTIVITIES (XX) (17, 18)
(Continued)

13 Community Activity
14 Computer Operation
15 Computer Programming
16 Cooking or Food Serving
17 Coordinator
18 Counseling
19 Curriculum Development
20 Custodian
21 Dental Services
22 Dietician
23 Evaluation
24 Graphic Arts
25 Grounds Keeper
26 Guard and Police
27 Information Services
28 Inservice Education
29 Instructional Television
30 Librarian
31 Manager
32 Mark Reporting
33 Media
34 Nurse
35 Painting
36 Payroll Preparation
37 Personnel-Evaluation
38 Personnel-Recruiting
39 Photography
40 Planning
41 Principal
42 Associate Principal
43 Printing and Copying
44 Program Director
45 Public Relations
46 Purchasing
47 Records Management
48 Research
49 Social Work
50 Speech Therapy
51 Student Assemblies
52 Student Scheduling
53 Superintendent
54 Assistant Superintendent

ACTIVITIES (XX) (17, 18)
(Continued)

55 Supervising-Staff
56 Supervising-Students
57 Systems Analysis
58 Teacher Aide
59 Teaching
60 Technician
61 Test Scoring
62 Vehicle Operation
63 Warehousing and Distribution

OPTION 2

DEFINITIONS OF EXPENDITURES BY ACTIVITY

Certified Salaries (1XXX): Salaries paid to staff members in positions which require certification by the State Department of Public Instruction.

Non-Certified Salaries (2XXX): All salaries and wages paid which are not classified as certified salaries.

Employee Benefits (3XXX): Those expenses for employee retirement and fringe benefits.

Supplies and Equipments (4XXX): Supplies are items which are concumable and are normally used within a year of purchase. Examples include: paper, pencils, workbooks, chemicals, soap, groceries. Equipment in this category includes only items which cost less than ten dollars.

Instructional Materials (5XXX): Items which are purchased or rented in a form which is directly usable but not consumable. Items classified as materials are used over a period of several years. Examples include: books, films, tape recordings, etc.

Repair and Replacement of Equipment (6XXX): Expenditures for the repair and replacement of capital outlay equipment.

Capital Outlay (7XXX): Expenditures made for equipment costing more than ten dollars and expenditures for new construction or remodeling of facilities.

Contracted Services (8XXX): Those services which are jobbed out to agencies or individuals outside of the school system.

Other Costs (9XXX): Those goods or services which may not fit one of the above categories.

(The following are examples of the coding structure which may be used in Option 2)

EXPENDITURES XXXX (15, 16, 17, 18)

1000 Certified Salaries

1100 Instruction

1110 Department Chairmen
1120 Team Leader
1130 Teacher
1140 Teacher Associate
1150 Substitute Teacher

1200 Support of Instruction

1210 Director
1220 Coordinator
1230 Librarian
1240 Nurse
1250 Counselor
1260 Extra Curricular Activity Sponsor

1261 Athletics (coach)
1262 Activity Sponsor

1270 Psychologist
1280 Social Worker
1290 Therapist

1291 Speech

1300 Administration

1310 Superintendent
1320 Assistant Superintendent
1330 Director
1340 Coordinator
1350 Principal

EXPENDITURES XXXX (15, 16, 17, 18)
(Continued)

1360 Associate Principal
1370 Administrative Assistant
1380 Supervisor

2000 Non-Certified Salaries

2010 Teacher Aide
2020 Lay Reader
2030 Lab Assistant
2040 Secretary
2050 Clerk
2060 Technician
2070 On-The-Job Trainee
2080 Student Worker
2090 Typist
2100 Switchboard Operator
2110 Supervisor
2120 Custodian
2130 Head Custodian
2140 Painter
2150 Grounds Keeper
2160 Carpenter
2170 Mason

3000 Employee Benefits

3010 Social Security
3020 State Retirement
3030 Health Insurance
3040 Life Insurance
3050 Workmen's Compensation

4000 Supplies and Equipment

4100 Supplies and Equipment

4110 Instructional Supplies
4120 Library and A-V Supplies
4130 Office Supplies
4140 Health Supplies
4150 Transportation Supplies

EXPENDITURES XXXX (15, 16, 17, 18)
(Continued)

4160 Food Service Supplies
4170 Maintenance Supplies
4180 Other Supplies

5000 Instructional Materials

5100 Print Materials

5110 Textbooks
5120 Reference Books
5130 Magazines and Journals
5140 Reprints
5150 Pamphlets
5160 Workbooks and Weeklies
5170 Testing Materials
5180 Music
5190 Other print materials

5200 Non-Print Materials - Purchased

5210 Records
5211 Cassette Tapes
5212 Reel Tapes

5240 Filmstrips
5241 Slides, 35 mm.
5242 8 mm. Motion Picture
5243 Transparency

5270 Sound Filmstrip
5271 16 mm. Sound Motion Picture
5272 Sound w/Slides
5273 Sound w/Transparency
5274 Video Tape

5300 Non-Print Materials - Rentals

5310 Records
5311 Cassette Tapes
5312 Reel Tapes

EXPENDITURES XXXX (15, 16, 17, 18)
(Continued)

5340 Filmstrips
5341 Slides, 35 mm.
5342 8 mm. Motion Pictures
5343 Transparency

5370 Sound Filmstrips
5371 16 mm. Sound Motion Picture
5372 Sound w/Slides
5373 Sound w/Transparency
5374 Video Tape

5400 Replacement of Print Materials

5410 Textbooks
5420 Reference Books
5430 Magazines and Journals
5440 Reprints
5450 Pamphlets
5460 Workbooks and Weeklies
5470 Testing Materials
5480 Music
5490 Other Print Materials

5500 Replacement of Non-Print Materials

5510 Records
5511 Cassette Tape
5512 Reel Tape

5540 Filmstrip
5541 Slides, 35 mm.
5542 8 mm. Motion Picture
5543 Transparency

5570 Sound Filmstrip
5571 16 mm. Sound Motion Picture
5572 Sound w/Slides
5573 Sound w/Transparency
5574 Video Tape

6000 Repair and Replacement of Equipment

EXPENDITURES XXXX (15, 16, 17, 18)
(Continued)

6100 Replacement of Equipment

6110 Instructional equipment replacement
6120 Library and A-V equipment replacement
6130 Office Equipment replacement
6140 Health equipment replacement
6150 Transportation equipment replacement
6160 Food Service equipment replacement
6170 Maintenance equipment replacement
6180 Other equipment replacement

6200 Repair of Equipment

6210 Instructional equipment repair
6220 Library and A-V equipment repair
6230 Office equipment repair
6240 Health equipment repair
6250 Transportation equipment repair
6260 Food Service equipment repair
6270 Maintenance equipment repair
6280 Other equipment repair

7000 Capital Outlay

7100 New Equipment

7110 Instructional equipment
7120 Library and A-V equipment
7130 Office equipment
7140 Health equipment
7150 Transportation equipment
7160 Food Service equipment
7170 Maintenance equipment
7180 Other capital outlay equipment

7200 New Construction
7300 Building Alterations

8000 Contracted Services

8010 Postal Service

EXPENDITURES XXXX (15, 16, 17, 18)
(Continued)

8100 Insurance and Bond Premiums

- 8110 Property Insurance
- 8120 Liability Insurance
- 8130 Fidelity Bond Premiums
- 8140 Vehicle Insurance

8200 Professional Services

- 8210 Legal Services
- 8220 Educational Consultants
- 8230 Auditing Service
- 8240 Instructional Services
- 8250 Educational T-V
- 8260 Dental Services

8300 Technical Services

- 8310 Test Scoring
- 8320 Photographic Services
- 8330 Computer Services
- 8340 Police Service
- 8350 Printing and Copying

8400 Transportation

- 8410 Mileage (within district)
- 8420 Mileage (outside district)
- 8430 Commercial Transportation

8500 Reimbursements

- 8510 Subsistence
- 8520 Lodging
- 8530 Tuition

8600 Dues and Memberships

8700 Communications

- 8710 Telephone and Telegraph

EXPENDITURES XXXX (15, 16, 17, 18)
(Continued)

8800 Repair and Maintenance Service

- 8810 Instructional
  - 8811 Book Rebinding
- 8820 Library and Audio-Visual
- 8830 Office
- 8840 Health
- 8850 Transportation
- 8860 Food Service
- 8870 Maintenance
  - 8871 Heating and Ventilation System
  - 8872 Air-Conditioning System
  - 8873 Plumbing
  - 8874 Electrical
  - 8875 Clocks and Signals
  - 8876 Roofing
  - 8877 Painting
- 8890 Other

9000 Other Costs

- 9100 Resale
- 9200 Debt Service
- 9300 Contingency

CHAPTER V

BUDGETARY PROCESS

Initial Tasks

This aspect of the system is one of great importance as it may give an indication as to just how effective and successful program budgeting will be for a school district. To a great degree, a system is only successful if there is effective communication between the processing center and the school district. The individual designated by the school district to serve in the role of liaison with the processing center must be knowledgeable of basic data processing techniques and aware of most budgeting situations throughout the district. This liaison designate must be able to understand the communication from the processing center and to disseminate this information to all personnel with budget responsibility in the school district. His tasks in the initial phase are:

1. Generate a list of buildings and their identification numbers and send them to the processing center.

2. Determine the names to be applied to the departments within the basic four programs and applicable sub-programs.

3. Designate a timetable of events applicable to the school's budgetary process, showing deadlines as well as guidelines.

Such a timetable would include beginning and completion dates for the following tasks:

1. Distribution of data collection documents and instructions for the proper coding to be applied to each.

2. Collection of all coded documents and arrangement for their shipment or transmission to the processing centers.

3. Receipt of all computer printouts and distribution of them to appropriate school district personnel.

4. Answer all questions from the processing center or district personnel concerning the automated budget process.

5. Make requests for special summaries desired by individuals associated with organizations of the school district.

Description of Forms

All data processed in the budgetary portion of the finance system are identified by FUND, ACCOUNT, ORGANIZATIONAL UNIT, PROGRAM, SUB-PROGRAM, AND DEPARTMENT. The titles of categories in FUND have been assigned as follows:

10	General Fund
20	Schoolhouse Fund
30	Federal Projects
40	Clearing Fund
50	Activity Fund

The titles for ACCOUNT may be entered on Form F-ID-1 and up to 9 accounts for each of the above funds may be identified. Up to 16 ORGANIZATIONAL UNITS (Buildings) may be identified on Form F-ID-2. The pre-identified titles for PROGRAM are:

10	Instruction
20	Support of Instruction
30	Administration
40	Maintenance and Operation

Up to 9 SUB-PROGRAMS in each of the above PROGRAMS may be named by using Form F-ID-3.

Form ID-4 is used to identify up to 60 DEPARTMENTS. A example of each form is illustrated in Figures 4, 5, 6, and 7. A detailed description of the forms is included for added versatility in the use of the system.

Form F-ID-1 Account Identification Form (Figure 4)

This form allows the school to name the accounts within each of the five funds. The code of 10 has been assigned to the General Fund and 1X to accounts within the General Fund with a maximum of 9 accounts. The value of 20, 30, 40, and 50 are assigned to the funds titled Schoolhouse Fund, Federal Projects, Clearing Fund, and Activity Fund. In the same manner as above, 2X, 3X, 4X, and 5X are accounts within each of the funds.

FORM F-ID-1
M I S FINANCE

Account Identification Form

District No. ________ Fiscal year [ ]

District Name [ ]

Fund [ ] Fund Name [ ]

Account (cc 3-4)	Account Name (cc 22-44)
[ ]	[ ]
[ ]	[ ]
[ ]	[ ]
[ ]	[ ]
[ ]	[ ]
[ ]	[ ]
[ ]	[ ]
[ ]	[ ]
[ ]	[ ]

Figure 4

FORM F-ID-2
M I S FINANCE

Organizational Unit
Identification Form

District No. ______ Fiscal year ____ 29

District Name

____

Organizational No. (5-7)	Organizational Name (22-44)

Figure 5

FORM F-ID-3

MIS FINANCE

Sub-Program Identification Form

District No. Fiscal Year

District Name

Program No. Prog. Name

Sub-Prog. (cc 8-9)	Sub-Program Name (cc 22-28)

Figure 6

ORM F-ID-4

M I S FINANCE

Department Identification Form

District No. |_|_|_|_| Fiscal year |_|_| 31

District Name |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

Program No. |_|_| Prog. Name |_|_|_|_|_|_|_|_|_|_|_|_|

Department (cc 10-11)	Department Name (cc 22-31)	Department (cc 10-11)	Department Name (cc 22-31)
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|
|_|_|	|_|_|_|_|_|_|_|_|_|_|	|_|_|	|_|_|_|_|_|_|_|_|_|_|

NOTE: Maximum of 60 departments under each program.

Figure 7

Form F-ID-2 Organizational Unit Identification Form (Figure 5)

This form allows for district identification in the heading area. The body of the form allows for a maximum of sixteen building entries on each page. The building number is completed in the left hand column with its corresponding name in the right hand column. It is recommended that the three digit number assigned to each school building in the district by the Department of Public Instruction be used. For other buildings which are cost centers, appropriate three digit numbers and names should be assigned locally. For example, a central administration building might be assigned 500.

Form F-ID-3 Sub-Program Identification Forms (Figure 6)

This form is used to name the sub-programs within each of the assigned programs; Instruction, Support of Instruction, Administration, and Maintenance and Operation. District number and district name are placed in the appropriate areas at the top of the form. Also indicate the programs number and program name at the top of the form. A separate form should be used for each program. In the body of the form, the sub-program number is placed in the left hand column (numeric) and the corresponding sub-program name is placed in the right hand column. There is a maximum of nine (9) sub-programs for each program.

Form F-ID-4 Department Identification Forms (Figure 7)

This form is used to identify the departments within each program. The top of the form allows space for the district name and number. Also indicate program name and program number at the top of the form. A separate form should be used for each program. The body of the form is divided to accommodate thirty departments on a single page. The department number should be placed in the appropriate two character space and the corresponding name in the appropriate 10 character space. Department numbers are two numeric characters in length and department names are 10 alpha-numeric characters in length. Department numbers do not have to be consecutive. It is suggested that space be left for future entries. A maximum of sixty (60) departments can be identified for each program.

The system does not prescribe the administrative tasks involved in budget planning. The only restrictions will be those that result from the way the coding structure is used. This is explained more fully in the coding structure segment of the system narrative.

The organization for administering automated budgeting is assumed to be concentrated similarly to the department structure in effect nowin all or most school districts. For example, math department budgeting will fall to the respective chairmen. If the department chairmen chooses to pass along budget authority to an individual or a group at the teacher level, he or she may do so as long as the chairmen remains responsible for item coding.

Coding orientation sessions are a necessary and will be determined by the particular needs of the school district.

Coding Forms and Orientation

A critical step which reflects the accuracy of the final budget document is the actual coding of listed items and resources required to attain the goals and objectives determined in the planning phase.

Three types of forms are provided for data input of Budget Process Transactions. With the exception of the secondary heading identification line, the heading data is the same for all three forms.

Year	Fiscal year-2 positions
Fund	Fund to which item is to be charged-2 positions
Org. Unit No.	Building identification-3 positions
Building	Building name-23 positions

DATE, PAGE, and NAME OF PERSON SUBMITTING THIS FORM are listed only for internal control purposes, and will be useful to validate the accuracy of the data.

Form F-FI-1 (Figure 8)	Certified Salaries-this form is used to record all certified salaries and fringe benefits associated with certified salaries. 1000 and 3000 Expenditure Code Series
Program	Program No. such as Instruction-2 positions
Department	Department number-2 positions
Courses	Course or activity associated with this item-3 positions
Obj./Act.	Expenditure Code as explained in coding structure-4 positions
Seq. No.	Sequence number on all newly coded items will be left blank, 3 positions should there be numbers coded similar down through the expenditure code, this number will be used as a sequence number starting at 001 to access items on file.

F-FI-1

BUDGET PROCESS TRANSACTIONS
CERTIFIED SALARIES

YEAR ____ FUND ____ ORG. UNIT NO. ____ BUILDING ______________________ DATE __/__/__ PAGE __/__

NAME OF PERSON SUBMITTING THIS FORM ______________________

PRO SUB	DEPT	CRS	OBJ.-ACT.	SEQ. NO.	PER. CODE	NAME LAST NAME	I.	COURSE NAME	FUNCT./OBJ. NO.	PCT.	TOTAL SALARY

Figure 8

Personnel Code	Certified Personnel ID number-4 positions
TCHR Name	Certified Personnel Name
I	Personnel first initial
Course Name	This is the name associated with this CRS number-12 positions
Funct./Obj. No.	Line item account code -7 positions 2 decimals
PCT	This is the percent of cost assignment to the course or activity. This field is used as a multiplier of the Total Salary Field.
Salary Charge	This is the total salary amount to be allocated to the Program Account Code. There will be no computations made to charge dollar amounts to the Account Code.
Form F-FI-2 (Figure 9)	Non-Certified Salaries-This form is used to record non-certified salaries and fringe benefits associated with these salaries. 2000 and 3000 Expenditure Code Series.
Department	Same as F-FI-1
Crs/Act	Same as F-FI-1
Exp. Code	2000-3000 Expenditure Code Series
Seq. No.	Same as F-FI-1
Personl Code	Position code of non-certified position
Name	Name of non-certified person
Salary Breakdown (Option A only)	\$/hour hourly rate hr/day hours per day Day/yr days per year
Funct./Obj. No.	Line item code associated with this item
Pct.	Percent of assignment
Total Salary (Option B only)	Contract amount
Note:	Computation is on percent times salary breakdown, percent times total salary.

F-FI-2

BUDGET PROCESS TRANSACTIONS
NON-CERTIFIED SALARIES

YEAR ⌊_⌋ FUND ⌊_⌋ ORG. UNIT NO. ⌊_⌋ BUILDING ⌊______⌋ DATE _/_/_ PAGE _/_

NAME OF PERSON SUBMITTING THIS FORM ______

PRO SUB	DEPT	CRS	OBJ.-ACT	SEQ NO	PERSONL CODE	NAME	OPTION A SALARY BREAKDOWN			FUNCT/OBJ. NO.	PCT ASSN	OPTIONAL B TOTAL SALARY
							$/HOUR	HR/DA	DA/YR			

Selection of Option A or Option B must be made for each entry.

Figure 9

F-FI-4

SUPPLIES, EQUIPMENT, CAPITAL OUTLAY, AND CONTRACTED SERVICES

YEAR ___ FUND ___ ORG. UNIT NO. ___ BUILDING ___ DATE __/__/__ PAGE __/__

NAME OF PERSON SUBMITTING THIS FORM ___

PRO SUB	DEPT	CRS	OBJ.- ACT.	SEQ CODE	VEND NO	DESCRIPTION	FUNCT/OBJ. NO.	CATALOG NO. OR IDENT.	PCT	QUANT	UNIT COST

Figure 10

Form F-FI-4 (Figure 10)	Supplies, Equipment Capital Outlay and Contracted Services. This form is for the purpose of recording all items related to the above or those items with expenditure codes in the 4000, 5000, 6000, 7000, 8000, or 9000.
Department	Same as F-FI-1
Crs/Act	Same as F-FI-1
Exp. Code	Same as F-FI-1 except 4000, 5000, 6000, 7000, 8000, and 9000 exp. classes.
Seq. Code	Same as F-FI-1
Vendor No.	The I.D. number of the vendor from which the item may be purchased 4 positions.
Description	The description of the item 26 positions
Catalog No. or Ident.	The catalog number of the item we plan to order.
Pct.	The percent of cost to be allocated to this item.
Quan	The number of item
Unit Cost	The cost per single unit.
Note:	Computation of total cost is accomplished Pct. times Quan times Unit cost.

When sheets of coded items are completed, the individual designated by the school district as liaison, should check them for validity and completeness.

It is extremely important that these items be described accurately and completely; if they are not, they will be excluded from all budget calculations.

Keypunch Instructions From Code Budget Sheets

The first step in keypunching budget items that are coded on forms F-FI-1, F-FI-2, F-FI-4 and F-FI-5 is to sort the sheets in form number order. This eliminates needless switching of program cards on the drum.

The following are field descriptions and delimiters.

FORMAT	1	Certified Salaries & Benefits	
	2	Non Certified	
	4	Expenditure Classes 4000, 6000, 7000, 8000, 9000	
	5	" " 5000	

ACCOUNT CODE - All Numeric

#1	Teacher Id	Alphanumeric	
	Name	Alpha	
	Crs Name	"	
	Salary Charge (If Used) Numeric Specific Salary to be charged		
	F.O.	Numeric	2 Decimals
		Example	20422.01
	PCT	Numeric	2 Decimals
		Example	100% 000100
	Total Salary	Numeric	2 Decimals
		Example	$150.75 00015075
	Format Code 1 in Col. 80		
#2	Position Code	Numeric (May be same as Expenditure No.)	
	Name	Alpha	
	Salary Charge	Same as Format #1	
	Hrly Rate	Numeric	2 Decimals
		Example	$2.25/Hour 0225
	Hrs/Day	Numeric	1 Decimal
		Example	3 1/2/Day 35
	Days/Year	Numeric	
		Example	75 Days/Year 075
	F.O. No.	Same as Format #1	
	PCT	Same as Format #1	
	Total Salary	Same as Format #1	
	Format Code 2 in Col. 80		
#4	Vend No.	Alpha Numeric	
	Description	Alpha Numeric	
	F.O. No.	Same as Format #1	
	Cat. No.	Alpha Numeric	

	PCT	Numeric	2 Decimals
		Example	95% 095
	Quantity	Numeric	
		Example	101 0101
			3 0003
	Cost	Numeric same as Format #1	
	Format Code 4 in Col. 80		
#5	P. No	Alpha Numeric	
(If Used)	Author	Alpha Numeric	
	Title	Alpha Numeric	
	F.O.	Same as Format No. 1	
	PCT	Numeric	2 Decimals
		Example	85% 085
		"	100% 100
	Quant	Numeric	Example 110 0110
	Cost	Same as Format #1	
	Format No. 5 in Col. 80		

From Computer Printed Item List

Proposed Budget Items List

1. The 21 digit number on the left side of the print line is the key for accessing that specific record on file.

   All updates must have this key punched in a card. Only those fields noted in red marking need by punched. After any or all fields are punched then punch the card type in column 80.

2. If an item has a 'D' written in red in the left hand margin, it signifies that the corresponding item is to be deleted from active participation on the master file. The key is to be punched as in all other updates and then punch no other field in the card except a 'D" in column 80.

3. After keypunching, verification should only be performed on numeric fields such as:

   21 digit key field
   5 or 6 digit percent field
   4 digit quantity field
   8 digit unit cost
   (variable) salary fields

4. If an item has an 'X' written in red in the left hand margin, it signifies that the corresponding item is to be deleted totally from the master file. Card should be exercised since this item will no longer be on file in any form and the only way to recover it is to recode as a new item. The key is to be punched as in all other updates and then punch no other field in the card except an 'X' in column 80.

From Proposed Budget Item-Delete List

The Budgetary Process Finance System has the capability of reactivating items on the DELETE LIST. This is accomplished by marking an 'R' in red along side this item in the left hand margin.

It is also possible to update data fields at the time of reactivation. This is done exactly the same as normal items are updated on the active listings.

1. The 21 digit key is punched in a card in columns 1-21. If the item is just being reactivated with no updates the card is then skipped out to column 80 where the card format number is then punched.

   If the item is being reactivated along with updating the 21 digit key is punched normally and then only those fields marked in red are punched. After all updates are punched the card is skipped out to column 80 where the card format number is then punched.

2. After keypunching, verification should only be performed on numeric fields.

NOTE: It is not possible to update items on the DELETE LIST. This is only done at the time of reactivation.

Detailed Budget Lists and Updating

After the budget data has been processed, the processing center sends back the detail Budget Item List. This represents the intitial budget compilation and is designated as run number one. Subsequent updates are sequentially numbered as run 2, run 3, etc. In addition

to individual listing of budget items; appropriate subtotals, totals, and summaries are also calculated.

When invalid school parameters are used in processing, various types of error messages are displayed. If the use of these invalid parameters cause records to be bypassed, the initial data should be processed again incorporating correct parameters.

After the first run and in all subsequent runs, budget records on file are updated in the following manner:

1. Budget updating is done directly on the Detail Proposed Budget Item List.

2. Using a red pencil, encircle the data to be changed and mark the corrected data just above the red circle.

3. If an administrator chooses to delete an item he marks a 'D' in the left hand margin beside the item to be deleted. This item will appear on the Proposed Budget Items Delete List after the next run.

4. If an item is to be dropped completely, mark an 'X' in the left hand margin beside the item. Caution should be exercised in the use of 'X' as the record is removed completely from the file and can only be recovered by complete recoding.

5. If an item is entered on the file incorrectly with regard to the 21 digit account code, it cannot be corrected by updating the account code. The item must be deleted (see 4 above) and re-entered as a new item.

6. Records that have previously been deleted remain on file and may be reactivated at any time during the budgeting process simply by marking an 'R' in the left hand margin beside the item where it appears on the Delete List. The record being reactivated may also be updated at the same time. This updating is done in the usual manner.

The letter in the ACT column indicates the action taken (A-add, I-increased, D-decreased); the number indicates the budget run in which the action was taken.

Proposed Budget Item List.

Examples:

A	5	Item was added on run five
I	4	Item budget cost was increased over previous run
D	6	Item budget cost was decreased over previous run

When a school is brought into the budget on a run other than the first run, the 'A' would normally appear beside each item, signifying all items as update items from a previous run. However, this is not the case since this is the initial entry of the data for this particular school. To distinguish between the two entries, a flag (*I) is printed in the heading beside the run number to indicate initial entry of data on a run other than run number one. This flag then prevents all of the 'A's from printing in the activity column.

Proposed Budget Items Delete List

The only figure that will appear in the 'ACT' or activity column will be the run number when this particular item was deleted. This System of flagging provides a history of activity.

NOTE: It is imperative that personnel do not violate the restrictions in regard to coding certain expenditure classes on the form related to that expenditure class. When the keypunch operator is punching the updates directly from the Budget Items List, they are controlling the card format used based on the expenditure class code.

PROPOSED BUDGET ITEMS

* ART 13 * INSTRUCTION MASON CITY HIGH DIST--9999 RUN NO. 003 PAGE 025

UPDATE SEQUENCE NO. YR FD ORG PG PA CRS EXPD SEQ	ITEM DESCRIPTION	F.O.	UNITS	PCT.		UNIT COST		TOTAL COST	ACT
72 10 301 01 13 401 6300 001	EQUIP REPAIR	41811.0	8		$	10.00	$	80.00	I 2
72 10 301 01 13 401 7100 001	VENETIAN BLINDS	70811.0		100	$	20.00	$	20.00	A 3
* COURSE TOTAL * 401 * - - - - - - - - - - - - - $		100.00							
72 10 301 01 13 403 6300 001	EQUIP REPAIR COUNTER UNITS	41811.0	1		$	10.00	$	10.00	1
D 72 10 301 01 13 403 7100 001	VENETIAN BLINDS	70811.0		100	$	20.00	$	20.00	1
* COURSE TOTAL * 403 * - - - - - - - - - - - - - $		30.00							
72 10 301 01 13 413 4000 001	LUMBER	70811.0	1		$	10.00	$	10.00	1
X 72 10 301 01 13 413 4000 002	SUPPLIES-CRAFT	22422.0	1		$	684.24	$	684.24	1
72 10 301 01 13 413 4000 003	SUPPLIES-ART	22422.0	1		$	1,063.25	$	1,063.25	1
72 10 301 01 13 413 4000 004	8 TEACHERS SHEARS	22422.0	24 50		$	1.19	$	28.56	I 2
72 10 301 01 13 413 4000 005	FLAT BLACK SPRAY PAINT	22422.0	1		$	3.30	$	3.30	1
72 10 301 01 13 413 4000 006	6 PLY COLORED BOARDS	22422.0	1		$	1.90	$	1.90	1
72 10 301 01 13 413 4000 007	6 PLY COLORED BOARDS	22422.0	100		$	5.70	$	570.00	I 2
72 10 301 01 13 413 4000 008	RUB N BUFF	22422.0	1		$	2.94	$	2.94	1
72 10 301 01 13 413 7100 002	18 X 18 PAPER CUTTER	70811.0		100 75	$	30.00 32.50	$	30.00	1
* COURSE TOTAL * 413 * - - - - - - - - - - - - - $		2,394.19							
72 10 301 01 13 414 7100 002	FOREDOM HANDPIECE	70811.0		100	$	16.00	$	16.00	1
* COURSE TOTAL * 414 * - - - - - - - - - - - - - $		16.00							
72 10 301 01 13 416 6100 001	VENETIAN BLINDS	70811.0	1		$	20.00	$	20.00	1
72 10 301 01 13 416 6100 002	WAX PEN	70811.0	1		$	49.00	$	49.00	1
72 10 301 01 13 416 5200 001	CARVING TOOL SETS	41811.0	1		$	36.00	$	36.00	1
* COURSE TOTAL * 416 * - - - - - - - - - - - - - $		105.00							
** PROGRAM AREA TOTAL ** ART * - - - - - - $		2,645.19							

LINE #1 RECORD DESCRIPTION IS BEING UPDATED
LINE #2 RECORD IS BEING DELETED
LINE #3 RECORD IS BEING ERASED COMPLETELY
LINE #4 NUMBER OF UNITS BUDGETED INCREASED TO 50
LINE #5 PERCENT BEING DECREASED TO 75% - UNIT PRICE INCREASED TO $32.50 EACH

```
                         P R O P O S E D   B U D G E T   I T E M S   D E L E T E   L I S T
* ART         13 *      INSTRUCTION     MASON CITY HIGH           DIST--9999          RUN NO. 003                                PAGE  001
  UPDATE SEQUENCE NO.                   ITEM DESCRIPTION                F.O.       UNITS    PCT.      UNIT COST     TOTAL COST    ACT
YR FD ORG PG PA CRS EXPD SEQ

R 72 10 301 01 13 413 7100 001  VENETIAN BLINDS                    70811.0                 100  $        20.00  $        20.00    2

        * COURSE TOTAL * 413 * - - - - - - - - - - - - -    $       20.00

                                                                                            -50
R 72 10 301 01 13 414 7100 001  VENETIAN BLINDS                    70811.0               (100)  $        20.00  $        20.00    2

        * COURSE TOTAL * 414 * - - - - - - - - - - - - -    $       20.00

       ** PROGRAM AREA TOTAL ** ART          * - - - - - -    $       40.00
```

LINE #1   RECORD IS BEING REACTIVATED

LINE #2   RECORD IS BEING REACTIVATED AND UPDATED - PERCENT REDUCED TO 50%.

Figure 12

CHAPTER VI

BUDGET REPORTING

Budget Summaries

After the initial budget creation run, the purpose of program oriented accounting is to relate costs to department within program. The detail Budget Item Lists do not show this idea in the most recognizable forms. Thus a method of summarizing items on this basis is needed.

Various summaries are generated by scanning the file in its present form. These basic summaries are:

- Courses or activities for Departments within buildings
- Department for programs within buildings
- Programs for building
- Courses or activities for departments by district
- Departments for programs by district
- Programs by district
- Levels by district
- Courses or activities for levels by district
- Departments for levels by district

Although there are a variety of other summaries possible, the individual working as liaison between the processing center and school district is more aware of the type of summary required. It is this individual's responsibility to request these special summaries.

Budget Coding Transition Lists

Transition from one line item method to program oriented accounting.

Three auxillary steps presently allow printing of the current budget in a format that is allied to function-object accounting.

The first step prints the total program oriented budget file in a line item format displaying current budget dollars with the previous years' budget dollars.

The second step prints each school of a district in the format stated above. The district budget is also printed at the end with a brief recap of each school.

The third step prints out any one of the three following summaries:

1. Detailed analysis of buildings, grounds, and service systems maintenance

2. Detailed analysis of repairs and replacement of instructional equipment.

3. Detailed analysis of capital outlay.

These summaries may be of some assistance in moving from the traditional method of accounting to program oriented accounting.

Report Output Description

The automated budgetary process evolves around interaction of school administrators and the computer to arrive at a financial master plan of operations.

A series of reports are necessary to assist in interaction process.

First a listing in detail was needed, that provided the personnel involved, to view the resources, services and items required to satisfy the plan of operation. The Proposed Budget Items List satisfied this need.

Another listing serving the simulation phase is the Proposed Budget Items Delete List. This listing is for the purpose of viewing items and resources that at some time during the budgetary process were included in the financial master plan best have since been removed from active status.

A series of summary reports were necessary allowing district personnel to view the financial plan from a different aspect. These reports, variable in nature, summarize budget to the nine different expenditure classes within the levels of the coding structure.

Other reports are generated on a request basis and are used specifically in the transition period.

PROPOSED BUDGET ITEMS LIST

This list contain formattted print lines of each active budget item on file.

The heading contains identification for:

1. Program Area/Department
2. Program
3. Name of the building
4. District number
5. Current run number
   In some cases this number may have a suffix of (*I) indicating that this is the initial run for this building.
6. Date of current run
7. Page number of total current run.

The formatted print line from left to right contains:

1. Program account code and sequence number.
2. Description field data - dependent on type of record type.
   Type 1 - Teacher code
   Teacher name
   Course name
   Type 2 - Position code
   Non-certified personnel name
   Payment base information
   Type 4 - Vendor code
   Item description
   Catalog number
   Type 5 - Vendor code
   Title
   Author
3. Function/Object code
4. Units of item
5. Percent of cost assigned to this program account code.
6. Unit cost/Total salary
7. Cost attributable to this program account code.
8. Activity code.
9. Run activity occurred.

Appropriate course, program area/department, and program totals are printed as they occur.

This particular list is used for updating after the first run.

Total pages are generated at the time different building indentification numbersare sensed in the program account code. These pages are again identified by the building name.

Totals are printed for:

1. Total run dollars
2. Increase dollars over previous run
3. Decrease dollars over previous run
4. Added dollars over previous run
5. Deleted dollars over previous run
6. Difference dollars over previous run
7. Totals for the nine expenditure classes
   a. Certified Salaries
   b. Non Certified Salaries
   c. Employee Benefit
   d. Supplies
   e. Materials
   f. Repair & Replacement
   g. Capital Outlay
   h. Contracted Services
   i. Other Costs.

A total page for the district is generated at the end of this run with totals for the same as in school total pages. In addition totals are listed for each type of fund used.

P R O P O S E D   B U D G E T   I T E M S

* ART 12 * INSTRUCTION — PROGRESS CITY JR. HIGH — DIST—3141 — RUN NO. 005 — FEBRUARY 24, 1972 — PAGE C29

UPDATE SEQUENCE NO. YR FD CRG PG PA CRS EXPD SEQ		ITEM DESCRIPTION		F.O.	UNITS	PCT.	UNIT COST	TOTAL COST	ACT
73 10 209 01 12 171 1130 001	108	J ART		21122.00		48	$ 10,050.00	$ 4,824.00	A 5
73 10 209 01 12 171 1130 002	150	H ART		21122.00		20	$ 12,025.00	$ 2,405.00	A 5
73 10 209 01 12 171 4100 002	0426	108BALSA ASSORTMENT	B57331	21422.00	1	100	$ 24.90	$ 24.90	1
73 10 209 01 12 171 4100 003	0426	108MAGIC MARKER SETS	E4133	21422.00	12	100	$ 1.80	$ 21.60	1
73 10 209 01 12 171 4100 004	0426	108SPRAY BLACK ENAMEL	B45055	21422.00	4	100	$ 1.60	$ 6.40	1
73 10 209 01 12 171 4100 005	0426	108TISSUE PAPER 20X30 ASST	A414	21422.00	4	100	$ .95	$ 3.80	1
73 10 209 01 12 171 4100 009	0426	108PRINTMASTER PLATES 9X12	E6702	21422.00	36	100	$ .66	$ 23.76	1
73 10 209 01 12 171 4100 010	0426	108MOD PODGE PINT	B52100	21422.00	3	100	$ 2.00	$ 6.00	1
73 10 209 01 12 171 4100 019	0246	108SPONGES	6A	21422.00	6	100	$ .35	$ 2.10	1
73 10 209 01 12 171 4100 020	0246	108FLUORESCENT COLORS	PS1203	21422.00	2	100	$ 2.00	$ 4.00	1
73 10 209 01 12 171 4110 004	0426	150 WIRE SPOOLS	A543	21422.00	6	100	$ 2.38	$ 14.28	1
73 10 209 01 12 171 4110 005	1216	150 ALUM FOIL		21422.00	10	100	$ .39	$ 3.90	1
73 10 209 01 12 171 4110 006	1084	150 1"X2" PINE BOARDS		21422.00	100	100	$ .12	$ 12.00	1
73 10 209 01 12 171 4110 007	1792	150 ELEPHANT EAR SPONGES		21422.00	4	100	$ 1.15	$ 4.60	1
73 10 209 01 12 171 4110 008	0444	150 GRADED BIRCH DOWELS 1/		21422.00	3	100	$ 4.00	$ 12.00	1
* COURSE TOTAL * 171 * - - - - - - - - - - - - $			7,368.34						
73 10 209 01 12 271 1130 001	150	H ART		21122.00		20	$ 12,025.00	$ 2,405.00	A 5
73 10 209 01 12 271 1130 002	108	J ART		21122.00		30	$ 10,050.00	$ 3,015.00	A 5
73 10 209 01 12 271 4100 003	0426	108BURLAP CADET BLUE	E5745	21422.00	5	100	$ .50	$ 2.50	1
73 10 209 01 12 271 4100 004	2043	108DYE LAMINATE AMBER 802		21422.00	1	100	$ 1.65	$ 1.65	1
73 10 209 01 12 271 4100 005	2043	108BEAD CHAIN NICKEL 4 1/2	3	21422.00	100	100	$ .01	$ 1.00	1
73 10 209 01 12 271 4100 006	0426	108BURLAP CHARTREUSE	B5745	21422.00	5	100	$ .50	$ 2.50	1
73 10 209 01 12 271 4100 008	0426	108BURLAP BLACK	B5745	21422.00	5	100	$ .50	$ 2.50	1
73 10 209 01 12 271 4100 020	0132	108FELT REMNANTS	5113	21422.00	2	100	$ 1.69	$ 3.38	1
73 10 209 01 12 271 4100 021	0426	108POWDERED PAINT SILVER	B7706	21422.00	1	100	$ 1.85	$ 1.85	1

Figure 13

PROPOSED BUDGET ITEMS

* ART 12 * INSTRUCTION PROGRESS CITY JR. HIGH [illegible] FEBRUARY 24, [illegible] PAGE [illegible]

UPDATE SEQUENCE NO. YR FD CRG PG PA CRS EXPD SEQ	ITEM DESCRIPTION		F.O.	UNITS	PCT	UNIT COST	TOTAL COST	AC
73 10 209 01 12 371 4100 025	2043 10EDYE FLOREST GREEN 802		21422.00	1	100 $	1.65 $	1.65	1
73 10 209 01 12 371 4110 002	2372 150 TPINS OR WIG PINS		21422.00	6	100 $	.44 $	2.64	1
73 10 209 01 12 371 4110 003	2372 150 PLASTIC GLOVES		21422.00	2	100 $	.19 $	.38	1
73 10 209 01 12 371 4110 005	1216 150 CLOROX		21422.00	4	100 $	.39 $	1.56	1
73 10 209 01 12 371 4110 006	0426 150EXTRA BLADES	B33052	21422.00	3	100 $	.85 $	2.55	1
73 10 209 01 12 371 4110 007	0426 150DOZ DEXTER KNIVES	A2568	21422.00	1	100 $	11.00 $	11.00	1
73 10 209 01 12 371 4110 008	0426 150BOX RAZOR BLADES	B2528	21422.00	1	100 $	1.60 $	1.60	1
73 10 209 01 12 371 4110 009	0426 150WHITE CONTE CRAYONS	B7681	21422.00	2	100 $	1.65 $	3.30	1
73 10 209 01 12 371 4110 010	0426 150 5/8 INCH TACK POINTS	B33001	21422.00	4	100 $	.55 $	2.20	1
73 10 209 01 12 371 4110 011	0426 150STAPLE PULLER	B5675	21422.00	1	100 $	.65 $	.65	1
73 10 209 01 12 371 4110 012	0426 150CRAYPAS	A7666	21422.00	24	100 $	.41 $	9.84	1
73 10 209 01 12 371 4110 018	0426 150 WIRE SPOOL	B60503	21422.00	10	100 $	1.28 $	12.80	1
* COURSE TOTAL * 371 * - - - - - - - - - - - - - $		4,695.48						
73 10 209 01 12 400 4110 001	CRAFT MATERIALS STD LIST		21422.00	1	100 $	148.24 $	148.24	D 4
73 10 209 01 12 400 4110 002	ART MATERIALS STD LIST		21422.00	1	100 $	645.40 $	645.40	D 4
* COURSE TOTAL * 400 * - - - - - - - - - - - - - $		793.64						
** DEPARTMENT TOTAL ** ART * - - - - - - $		18,387.24						

Figure 13 (Continued)

TCTALS FOR PROGRESS CITY JR. HIGH

*** TOTAL RUN DOLLARS *** - - - - - - - - - - - - -	$	537,618.29
*** INCREASE $$TCTAL*** - - - - - - - - - - - -		
*** DECREASE $$TOTAL*** - - - - - - - - - - - -		
*** ADDED $$TOTAL*** - - - - - - - - - - - - -	$	494,338.79
*** DELETED $$TOTAL*** - - - - - - - - - - - -		
*** DIFFERENCE $$TOTAL*** - - - - - - - - - - -	$	494,338.79
* CERT. SAL. $ TOTAL *- - - - - - - - - - - - -	$	448,278.80
* N-CERT.SAL.$ TOTAL *- - - - - - - - - - - - -	$	41,827.93
* EMP.BEN. $ TOTAL *- - - - - - - - - - - - - -		
* SUPPLIES $ TOTAL *- - - - - - - - - - - - - --	$	19,734.57
* MATERIALS $ TOTAL *- - - - - - - - - - - - - --	$	10,821.07
* REP.&REPL. $ TOTAL *- - - - - - - - - - - - - --	$	5,439.60
* CAP.OUTLAY $ TOTAL *- - - - - - - - - - - - - --	$	7,445.12
* CONT.SERV. $ TOTAL *- - - - - - - - - - - - - --	$	3,610.00
* CTHER COST $ TOTAL *- - - - - - - - - - - - - --	$	461.20

Figure 14

PROPOSED BUDGET ITEMS DELETE LIST

This list contains formatted print lines for all deleted items on the budget file.

Data content is identical to the Active List with the exception that activity codes are deleted and the run number signifies when this item occured on the Delete List for the first time.

The school totals page lists just the Deleted dollar total with the nine major expenditure classes listed. Again each total page is identified by school name.

The district total page is identical to the above.

This list is also used for updating purposes but is only used for reactivating items from the Delete list and in some cases may be updated at the same time they are reactivated.

PROPOSED BUDGET ITEMS DELETE LIST

* SOC.STU. 02 * INSTRUCTION PROGRESS CITY JR. HIGH DIST--3141 RUN NO. 005 FEBRUARY 24, 1972 PAGE 001

UPDATE SEQUENCE NO. YR FD ORG PG FA CRS EXPL SEQ	ITEM DESCRIPTION		F.D.	UNITS	PCT.	UNIT COST	TOTAL COST	ACT
73 10 209 01 02 133 4110 002	1584 132 TAPE DISPENSER	C23	21435.00	1	100	$ 5.15	$ 5.15	4
73 10 209 01 02 133 4110 003	1754 132 WIRE LETTER TRAYS	27	21435.00	1	100	$ 6.10	$ 6.10	4
73 10 209 01 02 133 4110 004	1754 132 CORRUGATED PAPER OL	D GOLD	21435.00	1	100	$ 5.60	$ 5.60	4
73 10 209 01 02 133 4110 005	1754 132 CORRUGATED PAPER APP	LE GRN	21435.00	1	100	$ 5.60	$ 5.60	4
73 10 209 01 02 133 4110 007	1584 132 RED PLASTIC LETTERS		21435.00	1	100	$ 11.50	$ 11.50	4
73 10 209 01 02 133 4110 008	1584 132 WHITE PLASTIC LETTERS	2 IN	21435.00	1	100	$ 11.50	$ 11.50	4
73 10 209 01 02 133 4110 009	1754 132 CORRUGATED PAPER AZUR	E BLUE	21435.00	1	100	$ 5.60	$ 5.60	4
73 10 209 01 02 133 4110 010	1584 156 SET 2IN RED PLST LTTRS	PG 174	21435.00	1	100	$ 11.50	$ 11.50	4
73 10 209 01 02 133 4110 011	1584 156 RL VILT COLOR CORDBUFF	1133	21435.00	1	100	$ 5.75	$ 5.75	4
73 10 209 01 02 133 4110 013	1754 132 CORRUGATED PAPER NI	LE GRN	21435.00	1	100	$ 5.60	$ 5.60	4
73 10 209 01 02 133 4110 014	1754 132 CORRUGATED PAPER PR	IMROSE	21435.00	1	100	$ 5.60	$ 5.60	4
73 10 209 01 02 133 4110 015	1584 156 RL PINK COLOR CORDBUFF	1126	21435.00	1	100	$ 5.75	$ 5.75	4
73 10 209 01 02 133 4110 016	1584 156 ROLL WH WRAPPING PAPER	36 WDT	21435.00	1	100	$ 12.55	$ 12.55	4
73 10 209 01 02 133 4110 018	1754 132 CORRUGATED PAPER	ORANGE	21435.00	1	100	$ 5.60	$ 5.60	4
73 10 209 01 02 133 5190 008	156 CONTG FD NEW PBACK REF	MTRLS	21437.00	1	100	$ 50.00	$ 50.00	4
73 10 209 01 02 133 7110 001	156 UN OF 3 LOC CON ST CRL		70811.03	1	100	$ 100.00	$ 100.00	4
73 10 209 01 02 133 7120 001	1754 156 CASETTE TAPE FILE		70811.03	1	100	$ 52.70	$ 52.70	4
* COURSE TOTAL * 133 * - - - - - - - - - - - - - $			306.10					
73 10 209 01 02 135 4110 001	1584 156 MAP RAIL BY FOOT	74	70811.03	36	100	$ .72	$ 25.92	4
* COURSE TOTAL * 135 * - - - - - - - - - - - - - $			25.92					
73 10 209 01 02 233 4110 006	1584 149 WIRE LETTER TRAYS	60	21435.00	8	100	$ 4.80	$ 38.40	4
73 10 209 01 02 233 4110 007	1584 149 CORNERPOSTS BUILD UPS	6CCP	21435.00	6	100	$ 2.70	$ 16.20	4
73 10 209 01 02 233 4110 008	1584 149 BULLETIN BOARD ROLLS	57088	21435.00	1	100	$ 5.65	$ 5.65	4
73 10 209 01 02 233 4110 014	1584 149 BULLETIN BOARD ROLLS	57038	21435.00	1	100	$ 5.65	$ 5.65	4

Figure 15

P R O P O S E D   B U D G E T   I T E M S   D E L E T E   L I S T

* SOC.STU. 02 * INSTRUCTION PROGRESS CITY JR. HIGH DIST--3141 RUN NO. 005 FEBRUARY 24, 1972 PAGE 003

UPDATE SEQUENCE NO. YR FD CRG PG PA CRS EXPL SEC	ITEM DESCRIPTION	F.O.	UNITS	PCT.	UNIT COST	TOTAL COST	ACT
73 10 209 01 02 335 5190 001	1188 135 MASON CITY GLOBE GAZ	21437.00	1	50	$ [illegible]0.00	$ 10.00	4
73 10 209 01 02 335 7110 001	135 STUDY CARREL 3 IN UNIT	70811.03	2	50	$ 100.00	$ 100.00	4

* COURSE TOTAL * 335 * - - - - - - - - - - - - - $ 119.92

** DEPARTMENT TOTAL ** SOC.STU. * - - - - - - $ 540.22

Figure 15 (Continued)

```
*** DELETED     $TOTAL*** - -GENERAL FUND - - - -    $    10,008.91            TOTALS FOR   DISTRICT
  * CERT. SAL. $ TOTAL *- -GENERAL FUND - - - -
  * N-CERT.SAL.$ TOTAL *- -GENERAL FUND - - - -
  * EMP.BEN.   $ TOTAL *- -GENERAL FUND - - - --
  * SUPPLIES   $ TOTAL *- -GENERAL FUND - - - --   $       733.48
  * MATERIALS  $ TOTAL *- -GENERAL FUND - - - --   $     1,622.35
  * REP.&REPL. $ TOTAL *- -GENERAL FUND - - - --   $       280.00
  * CAP.OUTLAY $ TOTAL *- -GENERAL FUND - - - --   $     6,492.80
  * CONT.SERV. $ TOTAL *- -GENERAL FUND - - - --
  * OTHER COST $ TOTAL *- -GENERAL FUND - - - --   $       880.28
```

Figure 16

PROPOSED BUDGET SUMMARY

This list is for the purpose of summarizing budget item costs to either the nine major expenditure classes or up to nine expenditure class codes.

The report is identified by a title page depicting what departments, programs, buildings, levels and expenditure classes are being summarized and which of these is the governing factor for total displays.

On the normal report the nine expenditure classes are identified as columnar headings with one of the following used as a horizonal total line.

1. Course breakdown
2. Department breakdown
3. Program "
4. Building "
5. Level "
6. Fund "
7. District "

This report is used to analyze cost comparisons between the above seven groups in the nine major expenditure classes.

An optional summary report is available to summarize specific expenditure coding in the seven areas listed above. Specific expenditure codes may be requested in groups of nine-four digit codes.

D S E T [illegible] B U D G E T S U M M A R Y - - - D I S T R I C T - - [illegible] COMMUNITY SCH DIST

[illegible] WITHIN PROGRAM [illegible]

DIST--314. SCHOOL [illegible] CITY OF [illegible] RUN NO. [illegible] FEBRUARY [illegible], 1972 PAGE 1

DEPARTMENT	CERT. SAL.	N-CERT. SAL.	EMP. [illegible]	SUP. & [illegible]	MATLS	REP. & [illegible]	CAP. [illegible]	CONT. SERV.	OTHER COSTS	TOTAL
01 FOR.LANG.	11,731				194					11,925
02 SOC.STU.	54,343			88	721					55,152
03 MATH	68,946			53	408	50	11			69,468
04 SCIENCE	65,1[illegible]			[illegible],272	2,4[illegible]	52	53			72,057
05 BUS.EDUC.					50	1,120		10		1,180
08 HOME EC.	31,001	2,10[illegible]		1,239	213	845	5[illegible]4			35,934
11 IND. ARTS	34,345			1,418	460	1,559	2,652		111	40,547
12 ART	17,2[illegible]5			1,122						18,397
13 VOC MUSIC	11,973	2[illegible]		21	517		104			12,897
14 INST MUSIC	14,5[illegible]				650	1,484				16,724
15 PHYS. ED.	3[illegible],24[illegible]	143		1,[illegible]47		318	213			32,947
30 LANG.ARTS	4[illegible]	1,[illegible]37		175	1,310					52,658
[illegible] SPEC. ED.	[illegible]			171	42	9				1,174
INSTRUCTION	37[illegible]	4,[illegible]		10,500	7,598	5,439	3,543	10	111	422,255

Figure 17

PROPOSED BUDGET SUMMARY - - DISTRICT - - APOLLO COMMUNITY SCH DIST
DEPARTMENT WITHIN PROGRAM BY DISTRICT
DIST--3141 SCHOOL PROGRESS CITY JR HIGH RUN NO. 005 FEBRUARY 28, 1972 PAGE 2

DEPARTMENT	CERT. SAL.	N-CERT. SAL.	EMP. BEN.	SUP. & EQUIP.	MATLS	REP. & REPL.	CAP. OUT.	CONT. SERV.	OTHER COSTS	TOTAL
01 PU.PERS.SV				37	376					413
02 ED.TECH.	16,183			3,241	2,477		2,486			24,388
04 ATHLETICS	6,150			48			1,235			7,434
05 EX.CURR.	350				31					381
13							104			104
SUPRT-INSTR	22,683			3,327	2,885		3,826			32,723

Figure 17 (Continued)

P R O P O S E D   B U D G E T   S U M M A R Y - - D I S T R I C T - -   APOLLO COMMUNITY SCH DIST

DEPARTMENT WITHIN PROGRAM BY DISTRICT

DIST--3141 SCHOOL PROGRESS CITY JR HIGH   RUN NO. 005   FEBRUARY 23, 1972   PAGE 3

DEPARTMENT	CERT. SAL.	N-CERT. SAL.	EMP. BEN.	SUP. & EQUIP.	MATLS	REP. & REPL.	CAP. OUT.	CONT. SERV.	OTHER COSTS	TOTAL
40 PRINCIPAL	35,000									35,000
50 SCH.OFFICE		7,212		4,924	336		29	350	350	13,202
ADMINISTRATE	35,000	7,212		4,924	336		29	350	350	48,202

Figure 17 (Continued)

P R O P O S E D   B U D G E T   S U M M A R Y - - D I S T R I C T - -   APOLLO COMMUNITY SCH DIST

DEPARTMENT WITHIN PROGRAM BY DISTRICT

DIST--3141 SCHOOL PROGRESS CITY JR HIGH RUN NO. 005 FEBRUARY 28, 1972 PAGE 4

DEPARTMENT	CERT. SAL.	N-CERT. SAL.	EMP. PEN.	SUP. & EQUIP.	MATLS	REP. & REPL.	CAP. OUT.	CONT. SERV.	OTHER COSTS	TOTAL
02 FAC.MT.O R		28,945		982				3,250		33,177
03 FAC.MT.O S		1,260								1,260
MAINTENANCE		30,205		982				3,250		34,437
BUILDG 209	448,278	41,827		19,734	10,821	5,439	7,445	3,610	461	537,618
JUNIOR HIGH	448,278	41,827		19,734	10,821	5,439	7,445	3,610	461	537,618
DIST 3141	448,278	41,827		19,734	10,821	5,439	7,445	3,610	461	537,618

Figure 17 (Continued)

[illegible] D I S T R I C T --- APOLLO COMMUNITY SCH[illegible]
WITHIN DEPARTMENT [illegible] DISTRICT D E P A R T M E N T --- HOME EC.
DIST--3141 SCHOOL [illegible] RUN NO. 035 FEBRUARY 24, 1972 PAGE 6

COURSE	CERT. SAL.	SPECL ED.	EMP. BEN.	SUP. & EQUIP.	MATLS	REP. & REPL.	CAP. OUT.	CONT. SERV.	OTHER COSTS	TOTAL
166		619								619
167	3,316									3,316
168	2,379									2,379
169	2,908			40						2,948
266		619								619
267	2,984									2,984
268	2,141									2,141
269	2,617									2,617
350	2,321									2,321
351				1,023	23	539	20			1,606
361				68	64	286	385			821
362				59	90	20	149			319
366		619								619
367	3,648									3,648
368	2,616									2,616
369	3,199				28					3,227
370	[illegible]	282			8					3,128
DR HOME EC.	31,001	2,109		1,209	213	845	554			35,934

Figure 17 (Continued)

P P B S ... SUMMARY ... APOLLO COMMUNITY SCH DIST
PROGRAM WITHIN ... BY DISTRICT
DIST--3141 SCHOOL ... JR HIGH RUN NO. 008 FEBRUARY 24, 1972 PAGE 1

PROGRAM	CERT. SAL.	NON-CERT. SAL.	EMP. BEN.	SUP. & EQUIP.	MATLS	REP. & REPL.	CAP. OUT.	CONT. SERV.	OTHER COSTS	TOTAL
INSTRUCTION	[illegible]	[illegible]		10,500	7,5[illegible]	5,439	3,5[illegible]	10	111	422,255
SUPRT-INSTR	[illegible]			3,327	2,[illegible]		3,[illegible]26			32,723
ADMINISTRATE	35,[illegible]	7,0[illegible]		4,924	33[illegible]		29	350	350	48,202
MAINTENANCE		3[illegible]		922				3,250		34,437
SCHOOL 209	44[illegible],27[illegible]	4[illegible]		19,734	10,922	5,439	7,4[illegible]	3,61[illegible]	461	537,619
[illegible]	[illegible]	[illegible]		19,734	10,[illegible]	5,439	7,4[illegible]	3,61[illegible]	461	537,619
DIST 3141	[illegible]	[illegible]		19,734	10,[illegible]	5,439	7,4[illegible]	3,61[illegible]	461	537,619

Figure 17 (Continued)

VENDOR ORDER LIST

This is a listing of all non-personnel items on the active budget file in one of the following sequences.

Catalog number within vendor number within school.
Catalog number within vendor number within district.

The heading contains identification data for district name, school name, date, and page numbering.

1. Vendor number
2. Catalog number
3. Description
4. Account code
5. Line item code
6. School name
7. Units
8. Percent
9. Cost per unit
10. Cost charged

Totaling is performed on catalog number, vendor number, school and final.

V E N D O R   O R D E R   L I S T

DIST. MASON CITY SCHOOL DIST   SCHOOL MONROE JR. HIGH   DATE JULY 6, 1972   PAGE 179

VENDOR NO.	2449 CAT. NO.	D E S C R I P T I O N	--A C C O U N T C O D E--	FUNCTION OBJECT	UNIT COST	UNITS	TOTAL COST
2449		221 SNOWMOBILE TIMES	73 10 218 02 02 200 5130 032	21459.00	$4.00	1.0	$4.00
			TOTAL CAT.NO.		1.0	$4.00	
				TOTAL VENDOR 2449		$4.00	
2464		DEERUM HANES GEN BUS ACT 10THE	73 10 218 01 05 351 5160 001	21437.00	$1.60	50.0	$80.00
			TOTAL CAT.NO.		50.0	$80.00	
				TOTAL VENDOR 2464		$80.00	
2474		221 SPORTS AFIELD	73 10 218 02 02 200 5130 057	21459.00	$4.00	1.0	$4.00
			TOTAL CAT.NO.		1.0	$4.00	
				TOTAL VENDOR 2474		$4.00	
2476		221 SPORTS ILLUSTRAT	73 10 218 02 02 200 5130 034	21459.00	$10.00	1.0	$10.00
			TOTAL CAT.NO.		1.0	$10.00	
				TOTAL VENDOR 2476		$10.00	
2494	50990	190 WOOD SPLINTS PKG 100	73 10 218 01 04 322 4110 029	21434.00	$.35	4.0	$1.40
			TOTAL CAT.NO.	50990	4.0	$1.40	
	70630	191 AMMONIUM DICHROMATE 1#	73 10 218 01 04 322 4110 011	21434.00	$4.26	1.0	$4.26
			TOTAL CAT.NO.	70630	1.0	$4.26	
	70817	190 AMMONIUM THIOCYNATE 1#	73 10 218 01 04 322 4110 027	21434.00	$3.20	1.0	$3.20
			TOTAL CAT.NO.	70817	1.0	$3.20	
	71284	190 BARIUM HYDROXIDE 1#	73 10 218 01 04 322 4110 026	21434.00	$2.96	1.0	$2.96
			TOTAL CAT.NO.	71284	1.0	$2.96	
	72071	191 CADMIUM NITRATE 1/4#	73 10 218 01 04 322 4110 019	21434.00	$4.31	1.0	$4.31
			TOTAL CAT.NO.	72071	1.0	$4.31	
	72113	191 CALCIUM ACETATE 1#	73 10 218 01 04 322 4110 015	21434.00	$5.88	1.0	$5.88

Figure 18

V E N C O R   O R D E R   L I S T

DIST. MASON CITY SCHOOL DIST   BY VENDOR   DATE JULY 6, 1972   PAGE 345

VENDOR--2434	CAT NO	D E S C R I P T I O N	--A C C O U N T C O D E--	FUNCTION OBJECT	S C H O O L	UNIT COST	UNITS	TOTAL COST
	DVV	PROJECTION LAMPS	73 10 500 02 02 450 4120 010	41393.03	ALL SCHOOLS	$8.00	1.0	$8.00
						TOTAL	1.0	$8.00
					VENC.NC. 2434	*TOTAL*		$182.80
2449		221 SNOWMOBILE TIMES	73 10 218 02 02 200 5130 032	21459.00	MONROE JR. H	$4.00	1.0	$4.00
						TOTAL	1.0	$4.00
					VENC.NC. 2449	*TOTAL*		$4.00
2452	PD6	FILMSTRIP THE VIKINGS	73 10 463 02 02 301 5240 004	20452.00	MADISON ELE	$6.50	1.0	$6.50
						TOTAL	1.0	$6.50
	P848SA	XMAS WITH OUR WORLD	73 10 463 02 02 301 5240 002	20452.00	MADISON ELE	$27.00	1.0	$27.00
						TOTAL	1.0	$27.00
	P8603R	XMAS CUSTOMS-FILMSTRIP-R-G	73 10 463 02 02 301 5240 003	20452.00	MADISON ELE	$10.00	1.0	$10 00
		WORD GAMES 1 204520	73 10 454 01 30 403 5270 001	20452.00	LINCOLN EL	$6.00	1.0	$6 00
		SP150 1 PICTURESTORYSTUDYPRI	73 10 454 01 30 103 5240 001	20452.00	LINCOLN EL	$8.00	1.0	$8,00
		FILMSTRIP LITTLE PINE TREE SVE	73 10 490 02 02 330 5270 001	20452.00	WASHINGTON E	$5.50	1.0	$5.50
		FILMST WREC LITTLE ENGINE SVE	73 10 490 02 02 330 5270 002	20452.00	WASHINGTON E	$9.00	1.0	$9.00
		FSW REC8404R WHY CHIMES RANG	73 10 445 02 02 330 5270 003	20470.00	JEFFERSON EL	$10.50	1.0	$10.50
		FS 850-9 LITTLE PINE TREE	73 10 445 02 02 330 5270 002	20470.00	JEFFERSON EL	$5.50	1.0	$5 50
		FSW REC86022 STORY OF NUTCRACKER	73 10 445 02 02 330 5270 001	20470.00	JEFFERSON EL	$12.50	1.0	$12 50
		FILMST 850.9 LITTLE PINE TREE	73 10 472 02 02 330 5240 001	20470.00	MCKINLEY ELE	$5.50	1.0	$5.50
		FS W REC ST OF NUTCRACK86022R	73 10 481 02 02 330 5270 002	20470.00	ROOSEVELT EL	$12.50	1.0	$12.50
		FILMST 850-9 LITTLE PINE TREE	73 10 481 02 02 330 5240 001	20470.00	ROOSEVELT EL	$5.50	1.0	$5.50
		FS W REC WHY CHIMES RANG8404R	73 10 481 02 02 330 5270 001	20470.00	ROOSEVELT EL	$10.50	1.0	$10 50
		1518EG AM IN D. 1769-1850 FS 3781	73 10 209 01 02 233 5240 017	21452.00	JOHN ADAMS J	$7.00	1.0	$7.00
		151NAT RES. 1650-1890 FS 3782	73 10 209 01 02 233 5240 018	21452.00	JOHN ADAMS J	$7.00	1.0	$7.00

Figure 18 (Continued)

SALARY CHECK LIST

This list was developed for the purpose of grouping all salary charges for an individual. The generating program is a modified version of the Vendor Order List (VENDRLST) program. With the use of a utility sort this list comes in two formats, either teacher identification number within school or teacher identification number within district.

Teacher identification number within school format.

The heading contains identification for district name, school name, date and page numbering.

Column data:

1. Identification number
2. Description
   a. Name
   b. Course name
3. Account code
4. Line item code
5. Total salary
6. Percent assigned
7. Salary charged to the account code.

Teacher identification number within district.

The heading contains identification for district, date and page numbering.
Column data: Identical to above format.

Totals are printed for each identification number and school totals in the by school report. Totals are printed for each identification number but the school total is omitted in the by-district report.

S A L A R Y   C H E C K   L I S T

DIST. MASON CITY SCHOOL DIST   SCHOOL GRANT   ELEMENTARY   DATE JULY 18, 1972

ID NO.	DESCRIPTION		--ACCOUNT CODE--	FUNCTION OBJECT	TOT. SAL.	PERCENT	ALLOT SAL.
	DOROTH Y	SCIENCE	73 10 418 01 04 101 1130 003	20122.00	$11,250.00	10	$1,125.00
	DOROTH Y	LANG ARTS	73 10 418 01 30 101 1130 003	20122.00	$11,250.00	40	$4,500.00
				TEACHER ID	313	*TOTAL*	$11,25[illegible].00
314	CONI	MATH	73 10 418 01 03 101 1130 001	20122.00	$8,070.00	35	$2,824.50
	CONI	LANG ARTS	73 10 418 01 30 101 1130 001	20122.00	$8,070.00	40	$3,228.00
	CONI	SCIENCE	73 10 418 01 04 101 1130 001	20122.00	$8,070.00	10	$807.00
	CONI	SOC SCIENCE	73 10 418 01 02 101 1130 003	20122.00	$8,070.00	15	$1,210.50
				TEACHER ID	314	*TOTAL*	$8,070.00
626	C	UNIT A MUSIC	73 10 418 01 13 101 1130 001	20130.00	$5,190.00	34	$1,764.60
	C	UNIT B MUSIC	73 10 418 01 13 301 1130 001	20130.00	$5,190.00	33	$1,712.70
	C	UNIT C MUSIC	73 10 418 01 13 501 1130 001	20130.00	$5,190.00	33	$1,712.70
				TEACHER ID	626	*TOTAL*	$5,190.00
1062	HAROLD		73 10 418 04 02 150 2521 001	40171.01	$7,740.00	83	$6,424.20
				TEACHER ID	1062	*TOTAL*	$6,424.20
2003	PATRICIA		73 10 418 01 60 100 2110 001	20133.00	$2,347.80	100	$2,347.80
				TEACHER ID	2003	*TOTAL*	$2,347.80
2004	PATRICIA		73 10 418 01 60 100 2120 003	20133.00	$2,074.80	100	$2,074.80
				TEACHER ID	2004	*TOTAL*	$2,074.80
2005	DELI		73 10 418 01 60 100 2120 002	20133.00	$2,074.80	100	$2,074.80
				TEACHER ID	2005	*TOTAL*	$2,074.80
2006	JUDITH ANNE		73 10 418 01 60 100 2120 001	20133.00	$2,074.80	100	$2,074.80
				TEACHER ID	2006	*TOTAL*	$2,074.80
3021	BETTY		73 10 418 03 50 990 2310 001	20119.00	$4,050.00	100	$4,050.00
				TEACHER ID	3021	*TOTAL*	$4,050.00
				TOTAL SCHOOL 418	$140,991.40		

Figure 19

S A L A R Y   C H E C K   L I S T

DIST. CITY SCHOOL DIST BY DIST DATE JULY 20, 1972 PAGE 6

TEACHER		DESCRIPTION	--ACCOUNT CODE--	FUNCTION OBJECT	SCHOOL	TOT. COST	PERCENT	ALLOT SAL
026	R	BASKETBALL	73 10 109 02 04 102 1270 002	22122.02	MASON CITY H	$1,500.00	100.0	$1,500 00
	R	GOLF BOYS	73 10 109 02 04 108 1270 001	22122.02	MASON CITY H	$400.00	100.0	$400 00
	R	BOYS PHY ED	73 10 109 01 15 501 1130 003	22122.00	MASON CITY H	$13,690.00	100.0	$13,690 00
					TEACHER ID 026	*TOTAL*		$15,590 00
027	A	H S I M C	73 10 109 02 02 050 1330 002	22136.00	MASON CITY H	$12,785.00	100.0	$12,785 00
	A	H S I M C	73 10 109 02 02 050 1330 001	22136.01	MASON CITY H	$1,745.00	100.0	$1,745 00
					TEACHER ID 027	*TOTAL*		$14,530 00
028	E	GERMAN 3	73 10 109 01 01 136 1130 001	22122.00	MASON CITY H	$8,850.00	40.0	$3,540 00
	E	GERMAN 2	73 10 109 01 01 134 1130 001	22122.00	MASON CITY H	$8,850.00	42.0	$3,717 00
	E	GERMAN	73 10 109 01 01 138 1130 001	22122.00	MASON CITY H	$8,850.00	8.0	$708 00
	E	GERMAN	73 10 109 01 01 142 1130 001	22122.00	MASON CITY H	$8,850.00	10.0	$885 00
					TEACHER ID 028	*TOTAL*		$8,850 00
029	D	CRAFTS 2	73 10 109 01 12 403 1130 001	22122.00	MASON CITY H	$12,115.00	33.0	$3,997 95
	D	CRAFTS 1	73 10 109 01 12 401 1130 001	22122.00	MASON CITY H	$12,115.00	67.0	$8,117 05
					TEACHER ID 029	*TOTAL*		$12,115 00
030	G	PERFORM GRPS	73 10 109 01 14 539 1130 001	22130.01	MASON CITY H	$500.00	100.0	$500 00
	G	BAND	73 10 109 01 14 526 1220 002	22130.00	MASON CITY H	$10,785.00	100.0	$10,785 00
					TEACHER ID 030	*TOTAL*		$11,285 00
031	J	DEPT CH	73 10 109 01 04 250 1120 001	22122.00	MASON CITY H	$13,845.00	40.0	$5,538 00
	J	DEPT CH	73 10 109 01 04 250 1120 003	22122.01	MASON CITY H	$950.00	40.0	$380 00
	J	DEPT CH	73 10 209 01 04 250 1120 003	22122.00	JOHN ADAMS J	$13,845.00	20.0	$2,769 00
	J	DEPT CH	73 10 209 01 04 250 1120 001	22122.01	JOHN ADAMS J	$950.00	20.0	$190 00
	J	DEPT CH	73 10 218 01 04 250 1120 003	22122.00	MONROE JR. H	$13,845.00	20.0	$2,769 00
	J	DEPT CH	73 10 218 01 04 250 1120 002	22122.01	MONROE JR. H	$950.00	20.0	$190 00
	J	DEPT CH	73 10 227 01 04 250 1120 001	22122.00	ROOSEVELT JR	$13,845.00	20.0	$2,769 00
	J	DEPT CH	73 10 227 01 04 250 1120 002	22122.01	ROOSEVELT JR	$950.00	20.0	$190 00
	J	DEPT CH	73 10 400 01 04 250 1120 001	22122.01	ALL ELEM. SC	$600.00	100.0	$600 00
	J	DEPT CH	73 10 109 01 04 250 1120 002	22130.02	MASON CITY H	$1,820 00	40 0	$728 00
	J	DEPT CH	73 10 209 01 04 250 1120 002	22130.02	JOHN ADAMS J	$1,820.00	20.0	$364 00
	J	DEPT CH	73 10 218 01 04 250 1120 001	22130.02	MONROE JR. H	$1,820.00	20.0	$364 00
	J	DEPT CH	73 10 227 01 04 250 1120 003	22130 02	ROOSEVELT JR	$1,820.00	20.0	$364 00
					TEACHER ID 031	*TOTAL*		$17,215 00

Figure 19 (Continued)

DETAILED COMPARATIVE BUDGET (SCH21)

The scope of this report is on a district level with the emphasis placed on transition from traditional accounting to program budgeting.

The schedule number is identified by the user and is further related to district and date executed. The headings GENERAL FUND XXXXX-XXXXX, Administration etc., are flexible and may be modified by users in the heading control cards.

The general format of the report lists a line item code, it's identifying name, the dollars expended and budgeted the current fiscal year, and dollars budgeted for the following fiscal year. Totalling is controlled by total level cards and this too is under control of the user.

SCHEDULE 21 — MASON CITY SCHOOL DIST — JULY 2, 1972 — 01 -

DETAILED COMPARATIVE BUDGET 1972-1973

GENERAL FUND 10000-79999 ADMINISTRATION 10000-19999 BOARD OF EDUC 10000-10999

		EXPENDED 1971-1972	BUDGETED 1971-1972	PROPOSED BUDGET 1972-1973
10101.00	SCHOOL DISTRICT SECRETARY	$ 17,233.37	$ .00	$ 17,890.00
10119.00	SECRETARIAL AND CLERICAL ASSTS	26,270.00	43,700.00	42,460.00
10331.00	AUDITS	1,388.02	1,600.00	1,600.00
10332.00	LEGAL SERVICE	2,971.56	1,500.00	1,500.00
10402.00	GENERAL BOARD OF ED EXPENSES	5,879.57	3,200.00	5,000.00
10404.00	ELECTION EXPENSES	1,047.51	1,250.00	1,500.00
10406.00	CENSUS EXPENSES	.00	.00	1,750.00
10408.00	PUBLICATIONS EXPENSES	1,689.77	1,750.00	1,500.00
10594.00	MILEAGE ALLOWANCE	65.00	55.00	65.00
10595.00	TRAVEL EXPENSE AND DUES	2,345.69	2,000.00	2,000.00
	TOTAL BOARD OF EDUCATION	$ 58,891.48	$ 55,065.00	$ 75,265.00

ADMINISTRATION 10000-19999 ADMIN , SUPERTDNT: 11000-11999

		EXPENDED 1971-1972	BUDGETED 1971-1972	PROPOSED BUDGET 1972-1973
11112.00	SUPERINTENDENT & ASSTS.	$ 53,041.70	$ 52,600.00	$ 54,365.00
11119.00	SECRETARIAL AND CLER ASSISTS	20,673.33	23,490.00	24,430.00
11224.00	CURRICULUM LIBRARAY MATERIAL	1,359.13	1,400.00	1,500.00
11334.00	CONSULTATIVE SERVICES	2,535.00	2,900.00	3,000.00
11336.00	CURR DEV , SERVICES (E.C -R&D)	5,728.07	5,300.00	5,755.00
11402.00	CURRICULUM DEV ,MATERIALS	2,149.93	1,500.00	3,500.00
11409.00	PROFESSIONAL BOOKS AND PERIOD	426.88	650.00	650.00
11410.00	GENERAL EX , ADMINISTRATION	3,136.14	3,200.00	3,200.00
11411.00	PUBLIC SCHOOL DIRECTORY	645.50	650.00	650.00
11412.00	MEMBERSHIP DUES & RESEARCH	455.00	3,200.00	3,000.00
11594.00	MILEAGE ALLOWANCE	400.00	400.00	400.00
11595.00	TRAVEL EXPENSE AND DUES	1,648.29	1,500.00	1,500.00
11595.01	TRAVEL EXPENSE-OTHER	2,120.97	1,000.00	1,000.00
11599.00	POSTAGE	196.76	500.00	500.00
	TOTAL ADMIN SUPERINTENDNT	$ 94,519.72	$ 98,290.00	$ 103,450.00

Figure 20

PROGRESSIVE FUNCTION/OBJECT BUDGET (SFOLST)

The purpose of this report is again transitional in nature and lists the traditional budget for attendance centers (buildings) with in the district.

This listing identifies budget dollars planned, associated with the same line item code mentioned in (SCH21) DETAILED COMPARATIVE BUDGET) however, omitting references and dollar amounts for the current fiscal year. Individual building budgets are printed out first with a district recap in the same format as the individual buildings. Buildings totals are printed lastly to verify the totals on the district recap.

[illegible] CITY [illegible] 07/18/72 PAGE [illegible]

PROGRESSIVE FUNCTION/OBJECT BUDGET 1972 - 1973 RUN [illegible]

CODE	DESCRIPTION		BUDGETED
GENERAL FUND	[illegible]-79999		
	ADMINISTRATION 10000-19999		
	BOARD OF EDUC. 10[illegible]-10999		
10101.00	SCHOOL DISTRICT SECRETARY	$	25,830.00
10110.00	SECRETARIAL AND CLERICAL ASSIS	$	[illegible]7,480.00
1033[illegible].	AUDITS	$	1,600.00
10332.00	LEGAL SERVICE	$	1,500.00
10402.00	GENERAL BOARD OF ED. EXPENSES	$	5,[illegible].00
10404.00	ELECTION EXPENSES	$	1,500.00
10406.00	CENSUS EXPENSES	$	1,750.00
10408.00	PUBLICATIONS EXPENSES	$	1,500.00
10594.00	MILEAGE ALLOWANCE	$	65.00
10595.00	TRAVEL EXPENSE AND DUES	$	2,[illegible].00
	*TOTAL** BOARD OF EDUCATION 10000-10999	$	72,[illegible]5.00
	ADMIN., SUPERINTDNT. 11000-11999		
11112.00	SUPERINTENDENT & ASSTS.	$	55,300.00
11119.00	SECRETARIAL AND CLER. ASSIST.	$	25,653.40
11326.00	CURRICULUM LIBRARY MATERIAL	$	1,500.00
11334.00	CONSULTATIVE SERVICES	$	3,000.00
11336.[illegible]	CUR. DEV., SERVICES (E.C.-ESI)	$	5,755.[illegible]
11407.00	CURRICULUM DEV., MATERIALS	$	2,500.00
11409.00	PROFESSIONAL BOOKS AND PERIOD.	$	650.00
11410.00	GENERAL EX., ADMINISTRATION	$	3,200.00
11411.00	PUBLIC SCHOOL DIRECTORY	$	650.00
11412.00	MEMBERSHIP DUES & RESEARCH	$	3,[illegible].00
11594.00	MILEAGE ALLOWANCE	$	400.00
11595.00	TRAVEL EXPENSE AND DUES	$	1,500.00
11596.00	TRAVEL EXPENSE-OTHER	$	1,000.00
11599.00	POSTAGE	$	500.00
	*TOTAL** ADMIN.SUPERINTENDENT 11000-11999	$	103,608.40
	OTHER ADMINISTRAT. 12000-12999		
12113.00	BUS. MAN. AND/OR A. S. B. SUP.	$	24,700.00
12119.00	SEC. AND CLER. ASSISTANTS	$	[illegible],160.00
12410.00	GENERAL EX., BUS. ADMIN.	$	1,[illegible].00
12594.00	MILEAGE ALLOWANCE	$	725.00
	*TOTAL** OTHER ADMINISTRAT. 12000-12999	$	[illegible].00
	TOTAL ADMINISTRATION 10000-12999	$	2[illegible],[illegible].40
	INSTRUCTION 20000-29999		
	INSTR. ELEMENTARY 20000-20999		
20114.00	PRINCIPALS	$	205,700.00

Figure 21

SENIOR HIGH SCHOOL 105 07/19/72 PAGE 1

PROGRESSIVE FUNCTION/OBJECT BUDGET 1972 - 1973 RUN 013

CODE	DESCRIPTION	BUDGETED
	GENERAL FUND 10000-79999	
	ADMINISTRATION 10000-19999	
	ADMIN., SUPERTDNT. 11000-11999	
11412.00	MEMBERSHIP DUES & RESEARCH	$ 163.50
	*TOTAL** ADMIN.SUPERINTENDNT 11000-11999	$ 163.50
	***TOTAL** ADMINISTRATION 10000-12999	$ 163.50
	INSTRUCTION 20000-29999	
	INSTR. ELEMENTARY 20000-20399	
20130.00	SPECIAL TEACHERS AND/OR THER.	$ 1,340.00
20130.01	SPEC. TEACHERS EC/SA	$ 294.00
20225.00	OUT-CLERICAL	$ 4,800.00
20225.01	OUT SPEC. ED. CLERICAL	$ 4,780.00
	*TOTAL** INSTR. ELEMENTARY 20000-20399	$ 11,214.00
	SUPPLIES & EXP. 20400-20600	
20433.00	STOREROOM SUPPLIES	$ 10,260.70
	*TOTAL** SUP.EXP. ELEMENTARY 20400-20600	$ 10,260.70
	TOTAL ELEMENTARY 20000-	$ 21,474.70
	INSTR. JR.H SCH. 21000-21399	
21130.00	TEACHERS	$ 5,242.00
21130.01	TEACHERS EC/SA	$ 300.00
21130.02	INSTR. DEV EC	$ 690.00
21225.00	CLERICAL PT & LAY READERS	$ 2,497.00
	*TOTAL** INSTR. JR. HIGH 21000-21399	$ 8,729.00
	TOTAL JR. HIGH SCHOOLS 21000-	$ 8,729.00
	INSTR. SR.H.SCH. 22000-22399	
22114.00	PRINCIPALS	$ 59,600.00
22118.00	ADMINISTRATORS	$ 6,025.00
22119.00	SECRETARIAL AND CLERICAL	$ 30,840.00
22120.00	GUIDANCE AND COUNSELING	$ 58,130.00
22120.01	GUIDANCE & COUN. EC/SA	$ 4,211.00
22122.00	TEACHERS	$ 970,131.50

Figure 21 (Continued)

SENIOR HIGH SCHOOL 109 07/18/72 PAGE 2

PROGRESSIVE FUNCTION/OBJECT BUDGET 1972 - 1973 RUN 013

GENERAL FUND 10000-79999 (CONTINUED)
INSTRUCTION 20000-29999 (CONTINUED)
INSTR. SR.H.SCH. 22000-22399 (CONTINUED)

CODE	DESCRIPTION		BUDGETED
22122.01	TEACHERS-FC/SA	$	15,850.00
22122.02	TEACHERS-COACHING	$	21,200.00
22130.00	SPECIAL TEACHERS	$	41,285.00
22130.01	SPECIAL TEACHERS-FC/SA	$	4,000.00
22130.02	INSTRUCTIONAL DEV.-FC	$	11,834.00
22130.03	SUMMER SCHOOL-FC	$	9,000.00
22131.00	SPECIAL EDUCATION TEACHERS	$	28,345.00
22131.01	SPECIAL ED. TEACHERS-SA	$	1,900.00
22132.00	LIBRARIANS	$	21,690.00
22133.00	PARAPROFESSIONALS	$	39,956.10
22136.00	DIRECTORS	$	33,185.00
22136.01	DIRECTORS-FC	$	1,745.00
22224.00	SUBSTITUTE TEACHERS	$	5,000.00
22225.00	OJT,PT,CLERICAL & LAY RDRS.	$	33,181.00
	TOTAL INSTR. SR. HIGH 22000-22399	$	1,397,108.60

SUPPLIES & EXP.S.H. 22400-22600

CODE	DESCRIPTION		BUDGETED
22421.00	AGRICULTURE	$	1,377.27
22422.00	ART	$	2,500.08
22423.00	BUSINESS EDUCATION	$	1,520.45
22424.00	COMMUNICATION SKILLS	$	2,336.63
22425.00	DISTRIBUTIVE EDUCATION	$	150.00
22426.00	DRIVER EDUCATION	$	2,600.00
22427.00	FOREIGN LANGUAGE	$	241.20
22428.00	HOME ECONOMICS	$	3,329.44
22429.00	INDUSTRIAL ARTS	$	3,218.36
22430.00	MATHEMATICS	$	511.50
22431.00	MUSIC BAND	$	1,555.00
22432.00	MUSIC-VOCAL	$	2,062.50
22433.00	PHYSICAL EDUCATION	$	6,363.49
22434.00	SCIENCE AND BIOLOGY	$	2,560.30
22435.00	SOCIAL STUDIES	$	521.75
22436.00	MUSIC ORCHESTRA	$	300.00
22437.00	WORKBOOKS	$	284.05
22440.00	TRADES AND INDUSTRY	$	264.00
22450.00	GUIDANCE MATERIAL	$	324.25
22452.00	AUDIO-VISUAL AIDS	$	8,281.02
22452.01	AUDIO-VISUAL RENTALS	$	1,200.00
22454.00	TESTING PROGRAM	$	129.70
22459.00	SUPPLEMENTAL TEXTS & MATERIALS	$	5,009.42
22460.00	TEXTBOOKS	$	3,289.35
22470.00	LIBRARY BOOKS	$	7,672.50
22471.00	LIBRARY SUPPLIES	$	426.95
22594.00	MILEAGE ALLOWANCE	$	1,690.00
22595.00	TRAVEL EXPENSE-TEACHERS	$	1,400.00

Figure 21 (Continued)

MASON CITY 4121 07/18/72 PAGE 1

PROGRESSIVE FUNCTION/OBJECT BUDGET 1972 - 1973 RUN 013

CODE	SCHOOL	TOTAL
100	ALL HIGH SCHOOLS	$ 2,457.60
109	SENIOR HIGH SCHOOL	$ 1,619,928.12
200	ALL JR. HIGH SCHOOLS	$ 57,592.20
209	JOHN ADAMS JR.HIGH	$ 652,041.37
218	MONROE JR.HIGH	$ 494,809.35
227	ROOSEVELT JR.HIGH	$ 510,717.48
400	ALL ELEM. SCHOOLS	$ 391,31[illegible].09
409	GARFIELD ELEM.	$ 124,938.51
418	GRANT ELEM.	$ 150,648.36
427	HARDING ELEM.	$ 278,325.12
436	HOOVER ELEM.	$ 276,606.77
445	JEFFERSON ELEM.	$ 279,792.20
454	LINCOLN ELEM.	$ 115,165.15
459	CENTRAL HEIGHTS ELEM.	$ 10,393.42
463	MADISON ELEM.	$ 272,259.86
472	MCKINLEY ELEM.	$ 201,077.84
481	ROOSEVELT ELEM.	$ 269,197.32
490	WASHINGTON ELEM.	$ 121,716.34
499	WILSON ELEM.	$ 115,925.49
500	SYSTEM WIDE (ALL LEVELS	$ 1,575,473.06
600	OLD HIGH SCHOOL	$ 8,551.00
605	MUSIC HALL	$ 2,301.00
615	STADIUM	$ 2,226.00
620	MEM. BLDG	$ 3,321.00
FINAL TOTAL FOR MASON CITY		$ 7,536,676.63

Figure 21 (Continued)

DETAILED ANALYSIS OF BUILDINGS, GROUNDS AND SERVICE SYSTEMS MAINTENANCE (SCHEDULE 24)

This is a system transition listing of detail budget transactions pertaining to the line item codes associated with the title of the listing.

The format of the report lists detail charges planned on a building basis.

Totals for the individual line item codes are to the right of the last detail charge.

The schedule number may be changed by the user as is the district name and date.

SCHEDULE 24 MASON CITY SCHOOL DIST. JUNE 30, 1972 - 0 -

DETAILED ANALYSIS OF BUILDINGS, GROUNDS AND SERVICE SYSTEMS MAINTENANCE 1972-1973

41390.00 MAINTENANCE HTG.&VENT.SYSTEMS

SENIOR HIGH SCHOOL	HEATING AND VENTILATING	$ 200.00	
JOHN ADAMS JR.HIGH	HEATING AND VENTILATION	200.00	
MONROE JR.HIGH	HEATING AND VENTILATION	3,000.00	
ROOSEVELT JR.HIGH	HEATING AND VENTILATING	350.00	
GARFIELD ELEM.	HEATING AND VENTILATION	150.00	
GRANT ELEM.	HEATING AND VENTILATION	150.00	
HARDING ELEM.	HEATING AND VENTILATION	250.00	
HOOVER ELEM.	HEATING AND VENTILATION	200.00	
JEFFERSON ELEM.	HEATING AND VENTILATION	200.00	
LINCOLN ELEM.	HEATING AND VENTILATION	100.00	
CENTRAL HEIGHTS EL	HEATING AND VENTILATION	100.00	
MADISON ELEM.	HEATING AND VENTILATION	400.00	
MCKINLEY ELEM.	HEATING AND VENTILATION	250.00	
ROOSEVELT ELEM.	HEATING AND VENTILATION	150.00	
WASHINGTON ELEM.	HEATING AND VENTILATION	250.00	
WILSON ELEM.	HEATING AND VENTILATION	100.00	
SYSTEM WIDE (ALL L	HEATING AND VENTILATING	350.00	
OLD HIGH SCHOOL	HEATING AND VENTILATIN	200.00	
MUSIC HALL	HEATING AND VENTILATING	200.00	
STADIUM	HEATING AND VENTILATING	100.00	
MEM. BLDG.	HEATING AND VENTILATING	$ 350.00	$ 7,250.00

41391.00 MAINTENANCE OF PLUMBING

SENIOR HIGH SCHOOL	PLUMBING	$ 250.00
JOHN ADAMS JR.HIGH	PLUMBING	250.00
MONROE JR.HIGH	PLUMBING	350.00
ROOSEVELT JR.HIGH	PLUMBING	100.00
GARFIELD ELEM.	PLUMBING	100.00
GRANT ELEM.	PLUMBING	150.00
HARDING ELEM.	PLUMBING	200.00
HOOVER ELEM.	PLUMBING	150.00

Figure 22

DETAILED ANALYSIS OF REPAIRS AND REPLACEMENT OR INSTRUCTIONAL EQUIPMENT (SCHEDULE 25)

This is an accounting system transition listing accommodating the detailed budget charges related to departments within buildings associated with those line item codes categorized with the title of the report.

The general dollar notation format is similar to Schedule 24 format.

DETAILED ANALYSIS OF REPAIRS AND REPLACEMENT
OF INSTRUCTIONAL EQUIPMENT 1972-1973

41393.02 AUDIOVISUAL OPERATIONAL MATLS.

ED.TECH.	SYSTEM WIDE CALL L	XEROX MASTERS BOX	$	154.50
		MISC PRODUCTION SUPPLIES		400.00
		SIMPLE SIMON DEVELOPER		15.00
		OFFSET FOUNTIN CONCENTRATE		18.20
		CLEAN UP MATTS /PKG		25.90
		SIMPLE SIMON NEG 81/2X11 F		52.50
		SIMPLE SIMON NEG 10X14 F		25.50
		COTTON PADS /PKG		75.2[illegible]
		ALUM MASTERS 113/4X181/2		137.75
		PHONO NEEDLES CRTG PULLEY		100.00
		AM SCHOOL AND		8.[illegible]
		PWR SUPPLY & BATT CHARGER		9.95
		MISC LAMPS AND TUBES		700.00
		THEORY INTO PR		5.00
		ALUM MASTERS 10X15 /BOX		72.30
		OFFSET PLATE LAQUER /PINT		17.40
		OFFSET ETCH /GALLON		60.20
		OFFSET INK /TUBE		51.60
		DRY MTG SEAL 500/BOX 8X10		20.00
		MISC PRODUCTION SUPPLIES		600.00
		DRY PHOTO TRANSPARENCY		32.40
		REC TAPE AUDIO 1/4X600		11.00
		SEAL LAMIN 22X2400 REG FIN		37.20
		INFRARED TRANSPARENCY		105.00
		TRACING PADS 9X12 500SH/PD		1.20
		COLOR ADHESIVE FILM		18.50
		INFRARED TRANSPARENCY		46.00
		KNOB ASSEMBLY FOCUS		4.05
		DIAZO SUPPLIES		300.00
		REC TAPE AUDO 1/4X1200		18.75
		SIMPLE SIMON DEVELOPER		15.00
		RING RETAINING		.50
		MIC EXT CABLE 32 IN SONY		9.90

Figure 23

41811.02 REP.& REPL. OF HIGH SCH.EQUIP. (CONTINUED)

PHYS. ED.	SENIOR HIGH SCHOOL	SHIN GUARD REPAIR FIELD HO	$ 50.00	
		STANDARDIZE LIST	100.00	
DRIVER ED.		REPAIR WORK FOR D.O.T	1,200.00	
		SHIFTING SKILL	90.00	
ED TECH.		REPAIR EQUIPMENT AS NEEDED	900.00	
ATHLETICS		GIRDLES	165.00	
		HELMETS	378.00	
		ARM DUMMIES	36.00	
		HELMET T BARS	21.00	
		FACE DUMMY	40.00	
		PROTECTIVE HELMETS	105.00	
		SHOULDER PADS	360.00	
		KNEE PADS	52.50	
		SHOES	108.00	
		PROTECTIVE WEATHER SUITS	270.00	
		SHOES	360.00	
		KNEE PADS	80.00	
		HEAD GEARS	140.00	
		HAND PADS RIDDELL	42.00	
		FOREARM PADS	36.00	
		AIR HELMETS	210.00	
		ELBOW PADS	24.00	
		SHOES	340.00	
		FACE MASKS	42.00	
		CHIN STRAPS	30.60	
		THIGH PADS	36.00	
EX CURR.		099 CLEAN DRAPES AND	60.00	
SCH.OFFICE		REPAIR PA,TYPEWRITERS,ETC.	$ 400.00	$ 17,404.84

41811.03 REP.& REPL. OF JR.HI. EQUIP.

VOC MUSIC	ALL JR. HIGH SCHOO	PIANO TUNE & REP	$ 300.00	
		STEREO REPAIR & PARTS	100.00	
MATH	JOHN ADAMS JR HIGH	CALCULATOR SERVICE REPAIR	50.00	
SCIENCE		171 ISCS LEVEL 1 LIST	22.00	
		158 REPAIR OF EQUIPMENT	30.00	

Figure 23 (Continued)

DETAILED ANALYSIS OF CAPITAL OUTLAY
(SCHEDULE 26)

This is an accounting system transition listing detailing budget charges to departments within buildings associated with those line item codes relating to the title of the report.

The listing schedule number, district name and date are flexibly triggered from the run parameter card or program.

The general report format is identical to Schedule 25.

S C H E D U L E 26 MASON CITY SCHOOL DIST JULY 1, 1972 - 01 -

D E T A I L E D A N A L Y S I S O F C A P I T A L O U T L A Y
1 9 7 2 - 1 9 7 3

70310,00 NEW EQUIPMENT FOR ADMIN.

PU PERS.SV	SYSTEM WIDE (ALL L	NORELCO DIC EQUIP CE	$ 340,00	
		TYPEWRITER CE	250,00	
SUPERINT,		EQUIPMENT FOR ADMIN	$ 1,895,00	$ 2,485,00

70811,02 NEW INST. EQUIP. FOR HIGH SCH

MATH	SENIOR HIGH SCHOOL	ACME VISIBLE RECORDS INC	$ 4[illegible]
		STD FURNITURE MATH	100,00
SCIENCE		031 OFF FURN SUPPLY LIST	90,00
		092 OFF FURN SUPPLY LIST	50,00
		003 OFF FURN SUPPLY LIST	96,00
		003 D-FRAME AQUATIC NOT 1	1[illegible],25
		003 EVOLUTION OF MAN 7	40,00
		003 CENCO EQUIP FORM	28,85
		003 CAUTION LABEL DISPENSO	18,50
		003 COAT	15,00
		003 INTERVAL TIMER	11,20
		088 CENCO ORDERING FORM	19,95
		092 CENCO LIST	49,55
		044 OFF FURN SUPPLY LIST	8,00
		075 CARBOY 2 GAL SPIGOT	23,80
		044 CENCO EQUIP FORM	57,40
		073 CENCO ORDERING FORM	16,00
		061 ATOMIC ORBITAL MODELS	36,50
		061 ATOMIC ORBITAL MODELS	22,05
		061 ATOMIC ORBITAL MODELS	43,20
		061 OFF FURN SUPPLY LIST	120,00
		061 LENS 4-INCH F2,8 $	28,00
		061 80-SLIDE TRAY $	5,00
		061 LISTEN CENTER HEADPHON	75,00
		061 CAROUSEL 600+80-SLIDE$	100,00
		061 ATOMIC ORBITAL MODELS	69,65

Figure 24

70811.02 NEW INST. EQUIP. FOR HIGH SCH (CONTINUED)

SCIENCE	SENIOR HIGH SCHOOL	239 OFF FURN SUPPLY LIST	$ 60.00
		575 WATER ANALYSIS KIT $	275.00
BUS. EDUC.		STD FURNITURE BUS ED	128.00
HOME EC.		STAND CL RM OFF FURN LIST	50.00
		MAGNALITE COOKWARE SET	75.00
		DANSK COOKWARE SET	85.00
		FUNDUE POTS	40.00
IND. ARTS		ORBITAL SANDER RLDELTAM505	75.00
		PCV TESTER AC	12.34
		ALTGENREGTESTER ALLEN	200.00
		KG-600C TUBE CHECKER	49.95
		PANEL SAW DEWALT T-438-12	400.00
		EICO 710K GRID DIP KIT	39.95
		VU-150 VHF UHF FM ANTENNA	44.97
		STAN ORBITAL SANDER P.81	52.50
		ELEC DRILL 3/8 M89	36.95
		WHEEL BARROW P938	22.20
		POC SLIDE CAL STARRL NO425	17.75
		POP RIVETER NO98 KIT P630	26.50
		STOR CAB NO18 GRAY P264	84.00
		PITCH MIKESTARRETT 575 B-P	25.00
		MOLDING BENCH NO 6010 P.88	85.00
		TAP DIE SET S3465 NF/NC	113.45
		MIKE [illegible]-1 10THOUS STARRETT	25.00
		WP-25A ISOLATION TRANSFORM	85.50
		RADCAPTESTER AC	2[illegible].71
		T SQARE 60 INCH	37.00
		PNUEMATIC NAILERM-G137	250.00
		INSTR SUPPLIES-BLDG TR	500.00
		6PTHDDUTYSOCK1120RDURO	19.48
VOC MUSIC		DICTAPHONE MIKE NORELCO	45.00
		GUITAR CASE	12.00
		HM 36 PIANO MELODICA 36	45.00
		STUDIO UPRIGHT PIANO	320.00
		M E G415 GUITARD AND CASE	51.90
		STD FURNITURE VOC MUSIC	40.00
INST MUSIC		ROTH VIOLA OUTFIT 15 1/2	184.30

70811.02 NEW INST. EQUIP. FOR HIGH SCH. (CONTINUED)

PHYS. ED.	SENIOR HIGH SCHOOL	WATCH TIMER HANHART	$	35.00	
		TARGET STANDS SANDERS		19.95	
		TUMBLING MATS AMERICAN		375.00	
		VAULTING POLE FIBERGLASS		65.00	
DRIVER ED.		AETNA DR ED & TR SAF.FILM		130.00	
		AETNA DR.ED & TR.SAF.FILM		130.00	
		AETNA DR ED &TR SAF FILM		130.00	
		AETNA DR ED.&TR.SAF.FILM		130.00	
LANG ARTS		05 CLASS OFF FURN ST LIST		16.00	
SPEC. ED.		STD FURNITURE WORK-STUDY		2.50	
PU PERS.SV		A V EQUIP STAN LIST		200.00	
ED.TECH.		BATTERY PACK		35.00	
		NEW EQUIPMENT PER STD AV		2,670.00	
		VIVITAR ZOOM LENS 85-205 K		156.75	
		SUPER 8 EKTAGRAPHIC 120		129.95	
		RF ADAPTOR		49.50	
		MONOPOD		10.00	
		KODAK COMPARTMENT FILE		14.85	
		KODAK 5 PROJ CARTRIDGES K3		4.20	
		SUPER 8 EKTAGRAPHIC 120		129.95	
		SUPER 8 EKTAGRAPHIC 120		129.95	
		CAROUSEL SLIDE TRAY-80		19.50	
		CAROUSEL SLIDE TRAY140 K6C		33.95	
		REWIND FILM CLIPS K3	$	1.17	$ 9,422.57

70811.03 NEW INST. EQUIP. FOR JR.HI.SCHS

VOC MUSIC	ALL JR. HIGH SCHOO	173 LIGHT STAND MED WT	$	7[illegible].00	
		MINOR EQUIPMENT PURCHASES		250.00	
		173 CABLE 25 FEET HVYDT EI		20.00	
		173 QUARTZ LIGHT		168.00	
SCIENCE	JOHN ADAMS JR HIGH	171 ISCS LEVEL I LIST		53.80	
HOME EC.		134HOMEECSTANDARDLIST		20.00	
		1455000 PART COMP OPEN ARM		192.51	
IND. ARTS		165 PIPE CUTTER 12114		16.50	
VOC MUSIC		TOTE TUNE		86.00	

DETAILED ANALYSIS OF SALARIES--
STAND. /E.C./ S.A. (Schedule 30)

This is a budget system transition listing with detailed printing of salary budget charges to departments within buildings categorized to line item codes related to the title of the report.

The listing schedule number, district name and date are flexibly called from the run parameter card or program.

The printed format of the report is identical to Schedule 25.

D E T A I L E D A N A L Y S I S O F S A L A R I E S
- - S T A N D . / E . C . / S . A . 1 9 7 2 - 1 9 7 3

20120.00 GUIDANCE AND COUNSELING

PU PERS SV	ALL ELEM SCHOOLS	ADDIS	YADMIN-CLER	$ 215.70
		ADDIS	YGUID. SERVIC	107.85
		ADDIS	YPROGRAM PLAN	1,509.90
		ADDIS	YWORK W/STAFF	2,696.25
		ADDIS	YLOCAL RESEAR	107.85
		ADDIS	YAPPRAISAL	215.70
		ADDIS	YCOUNSELING	4,637.55
		ADDIS	YCONSULT PAR	862.80
		ADDIS	YWORK W/CA SS	431.40
		SCHLOSSER	CAPPRAISAL	158.20
		SCHLOSSER	CCONSULT-PAR.	474.60
		SCHLOSSER	CCOUNSELING	4,746.00
		SCHLOSSER	CPROGRAM PLAN	3,005.80
		SCHLOSSER	CLOCAL RESEAR	158.20
		SCHLOSSER	CWORK W/STAFF	2,214.80
		SCHLOSSER	CGUID SERVIC	316.40
		SCHLOSSER	CADMIN-CLER	3,6[illegible]8.60
		SCHLOSSER	GWORK W/CA SS	1,107.40
		TAYLOR	JADMIN-CLER	500.60
		TAYLOR	JWORK W/STAFF	4,129.95
		TAYLOR	JPROGRAM PLAN	1,001.20
		TAYLOR	JLOCAL RESEAR	125.15
		TAYLOR	JCONSULT PAR.	250.30
		TAYLOR	JGUID SERVIC	375.45
		TAYLOR	JWORK W/CA SS	500.60
		TAYLOR	JCOUNSELING	5,506.60
		TAYLOR	JAPPRAISAL	125.15
		THOMPSON	CADMIN-CLER	961.60
		THOMPSON	CGUID SERVIC	120.20
		THOMPSON	CWORK W/CA SS	721.20
		THOMPSON	CLOCAL RESEAR	240.40
		THOMPSON	CWORK W/STAFF	3,125.20
		THOMPSON	CAPPRAISAL	120.20

Figure 25

20120.00 GUIDANCE AND COUNSELING (CONTINUED)

PU PERS.SV	ALL ELEM. SCHOOLS	THOMPSON	CCONSULT PAR	$ 240.40	
		THOMPSON	CPROGRAM PLAN	1,081.80	
		THOMPSON	CCOUNSELING	$ 5,409.00	$ 51,140.00

20120.01 GUIDANCE & COUNSELING-EC/SA

PU PERS.SV	ALL ELEM. SCHOOLS	ADDIS	YGUIDANCE EC	$ 570.00	
		TAYLOR	JGUIDANCE EC	662.00	
		THOMPSON	CGUIDANCE EC	$ 635.00	$ 1,865.00

20122.00 ELEM. SALARIES

SPEC. ED.	JOHN ADAMS JR HIGH	LARSON	MVOC MUS	$ 523.25
ART	ALL ELEM. SCHOOLS	FRISCH	BART	7,715.00
		KOEHLER	JART	9,135.00
		KURTT	JART	9,790.00
		MAASSEN	CART	8,440.00
PHYS. ED.		BUELL	ELEMPHYSEDUC	13,105.00
		LOEFFLEHARDT	ELEMPHYSEDUC	7,475.00
		MURPHY	ELEMPHYSEDUC	7,475.00
		RICE	ELEMPHYSEDUC	7,715.00
		STROTTMAN	ELEMPHYSEDUC	7,715.00
		WELCH	ELEMPHYSEDUC	11,140.00
SOC. STU.	GARFIELD ELEM	BRUNSMA	SOCIAL STUDY	2,812.50
		ELLER	SOCIAL STUDY	1,610.25
		EWERS	SOCIAL STUDY	1,321.50
		MCKEOWN	SOCIAL STUDY	1,501.50
		OFTEDAHL	SOCIAL STUDY	1,714.50
		PFEIFFER	SOCIAL STUDY	2,147.00
		USHER	SOCIAL STUDY	1,667.50
MATH		BRUNSMA	MATH	2,812.50
		ELLER	MATH	3,220.50
		EWERS	MATH	2,643.00
		MCKEOWN	MATH	3,003.00
		OFTEDAHL	MATH	3,429.00

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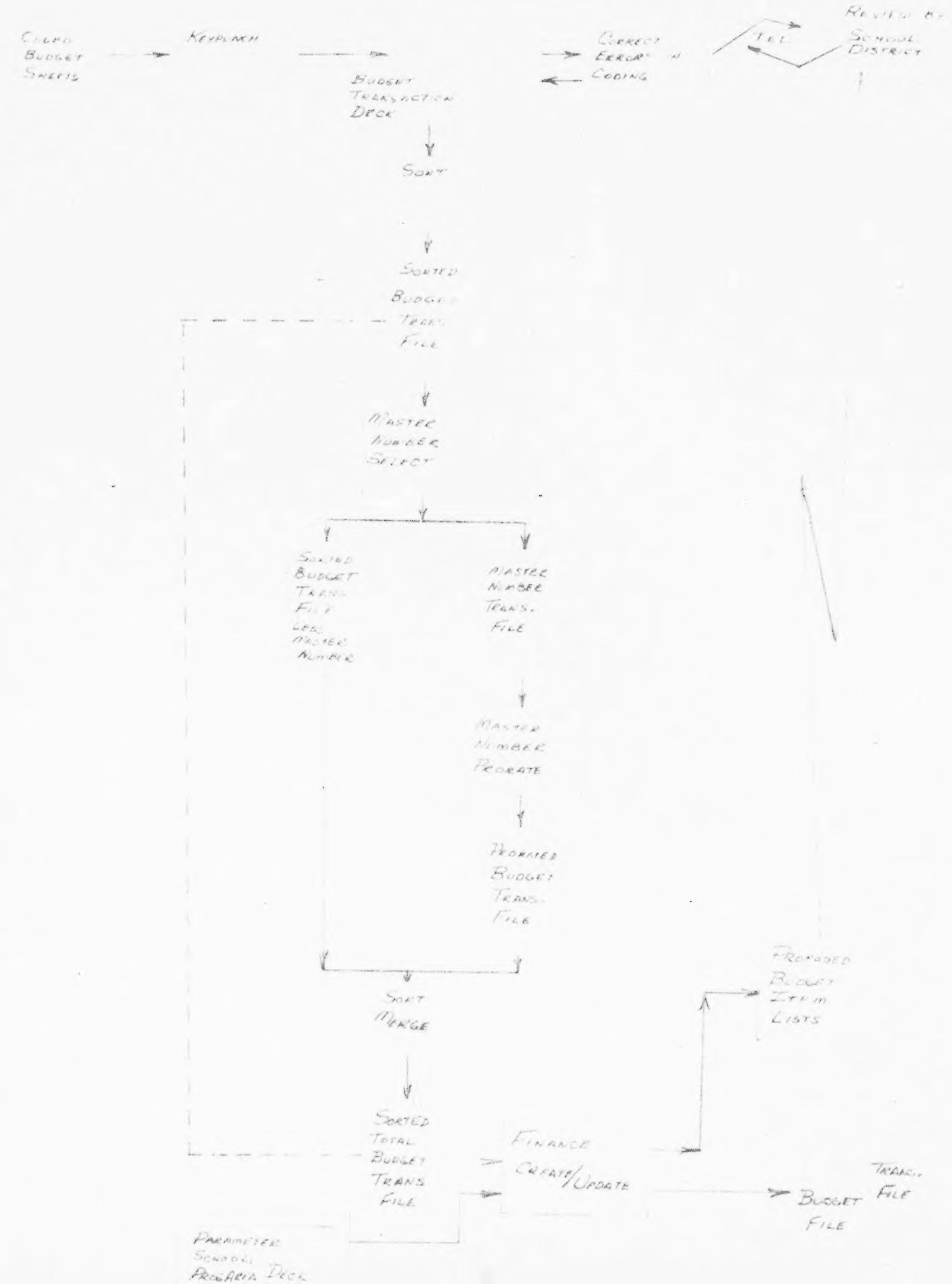
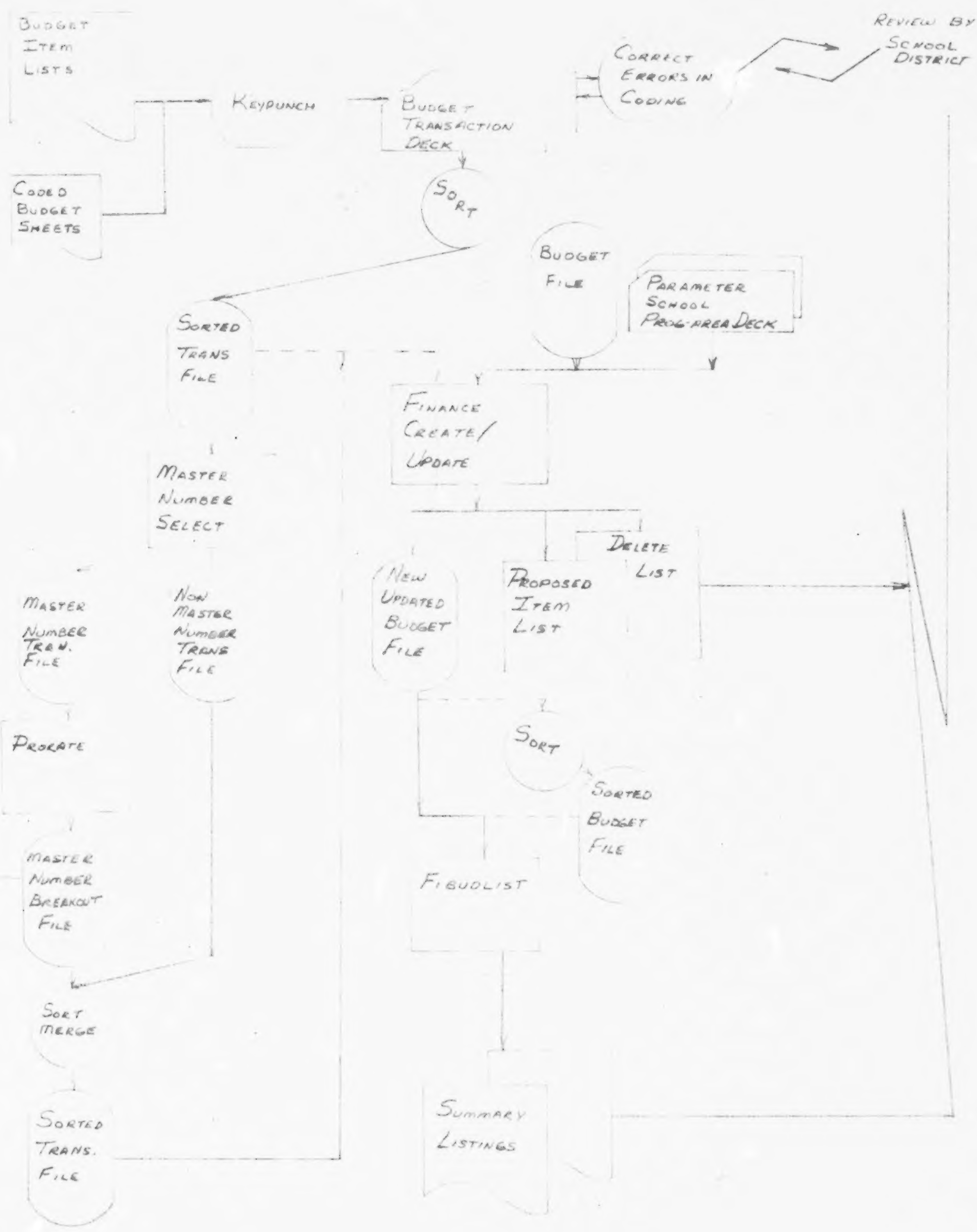
APPENDIX A

Finance - Budget File Creation



FINANCE - BUDGET FILE UPDATE



ED 073527

HASP SYSTEM LOG

```
$  9.44.33 JOB 972 -- PRTMIS   -- BEGINNING EXEC - INIT 5 - CLASS A
$  9.44.35 JOB 972       IC0017 IS SC1168 ( 9 TRACK )
 * 9.48.52 JOB 972 IEF244I PRTMIS  .LSTIC    .SYSUT1   UNABLE TO ALLOCATE
 * 9.48.52 JOB 972 IEF488I PRTMIS  .LSTIC    .SYSUT1   WAITING FOR DEVICES
 * 9.50.18 JOB 972 IEF233A M 0C3,IC0017,,PRTMIS,LSTIC
 * 9.54.02 JOB 972 IEF280E K 0C3,IC0017,PRTMIS,LSTIC
N  9.54.06 JOB 972 END EXECUTION.
```

EA 004 844

```
//PRTMIS JOB (--------,14,,2002,10),'HENSEL'                                JOB 972
***MESSAGE        IC0017 IS SC1168 ( 9 TRACK )
//MAPRGPRC PROC LBL=00,DNM=X
//LSTIC EXEC PGM=IEBPTPCH
//SYSPRINT DD SYSOUT=A
//SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
//  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
//  LABEL=(&LBL,SL),
//  DSN=&DNM
//SYSUT2 DD SYSOUT=A
//SYSIN DD DDNAME=SYSIN
//     PEND
//COPYMA EXEC MAPRGPRC,LBL=01,DNM=BSELECT
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++  LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(01,SL),
++  DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=BSELECT
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF244I PRTMIS  .LSTIC    .SYSUT1   UNABLE TO ALLOCATE
IEF388I PRTMIS  .LSTIC    .SYSUT1   WAITING FOR DEVICES
IEF236I ALLOC. FOR PRTMIS   LSTIC     COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 300    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   BSELECT                                              KEPT
IEF285I   VOL SER NOS= IC0017.

ACCTNG --              0.99 SEC. CPU,            7.27 SEC. WAIT,  DAC=      0,  HWM=  26K

//COPYMA EXEC MAPRGPRC,LBL=02,DNM=BPRORATE
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++  LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(02,SL),
++  DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=BPRORATE
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC     COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 303    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   BPRORATE                                             KEPT
IEF285I   VOL SER NOS= IC0017.

ACCTNG --              1.15 SEC. CPU,            8.98 SEC. WAIT,  DAC=      0,  HWM=  26K
```

```
//COPYMA  EXEC MAPRGPRC,LBL=03,DNM=FIBUDCUP
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++  LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(03,SL),
++  DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=FIBUDCUP
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC     COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 304    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I    FIBUDCUP                                      KEPT
IEF285I    VOL SER NOS= IC0017.

ACCTNG --              3.37 SEC. CPU,            20.80 SEC. WAIT,  DAC=       0,  HWM=  26K

//COPYMA  EXEC MAPRGPRC,LBL=04,DNM=FIBUDLST
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++  LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(04,SL),
++  DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=FIBUDLST
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC     COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 309    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I    FIBUDLST                                      KEPT
IEF285I    VOL SER NOS= IC0017.

ACCTNG --              4.40 SEC. CPU,            26.95 SEC. WAIT,  DAC=       0,  HWM=  26K

//COPYMA  EXEC MAPRGPRC,LBL=05,DNM=FISELECT
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++  LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(05,SL),
++  DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=FISELECT
++SYSUT2 DD SYSOUT=A
```

```
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC     COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 30A    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   FISELECT                                          KEPT
IEF285I   VOL SER NOS= IC0017.

ACCTNG --             1.27 SEC. CPU,           8.69 SEC. WAIT,  DAC=      0,  HWM=  26K

//COPYMA EXEC MAPRGPRC,LBL=06,DNM=SALRYLST
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++  LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(06,SL),
++  DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=SALRYLST
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC     COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 30B    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SALRYLST                                          KEPT
IEF285I   VOL SER NOS= IC0017.

ACCTNG --             1.37 SEC. CPU,          10.59 SEC. WAIT,  DAC=      0,  HWM=  26K

//COPYMA EXEC MAPRGPRC,LBL=07,DNM=VENDRLST
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++  DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++  LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(07,SL),
++  DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=VENDRLST
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC     COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 30C    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   VENDRLST                                          KEPT
IEF285I   VOL SER NOS= IC0017.

ACCTNG --             1.67 SEC. CPU,          11.04 SEC. WAIT,  DAC=      0,  HWM=  26K
```

```
//COPYMA EXEC MAPRGPRC,LBL=08,DNM=SCH21
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++   DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++   LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(08,SL),
++   DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=SCH21
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC    COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 30D    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SCH21                                          KEPT
IEF285I   VOL SER NOS= IC0017.

ACCTNG --              2.09 SEC. CPU,          13.65 SEC. WAIT,  DAC=      0,  HWM=  26K

//COPYMA EXEC MAPRGPRC,LBL=09,DNM=SFOLST
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++   DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++   LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(09,SL),
++   DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=SFOLST
++SYSUT2 DD SYSOUT=A
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
IEF236I ALLOC. FOR PRTMIS   LSTIC    COPYMA
IEF237I 31E    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO SYSUT1
IEF237I 31F    ALLOCATED TO SYSUT2
IEF237I 30F    ALLOCATED TO SYSIN
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SFOLST                                         KEPT
IEF285I   VOL SER NOS= IC0017.

ACCTNG --              3.15 SEC. CPU,          19.53 SEC. WAIT,  DAC=      0,  HWM=  26K

//COPYMA EXEC MAPRGPRC,LBL=10,DNM=SCHLST
++MAPRGPRC PROC LBL=00,DNM=X
++LSTIC EXEC PGM=IEBPTPCH
++SYSPRINT DD SYSOUT=A
++SYSUT1 DD DISP=(OLD,KEEP),UNIT=2400,VOL=(PRIVATE,RETAIN,SER=IC0017),
++   DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),
++   LABEL=(&LBL,SL),
IEF653I SUBSTITUTION JCL - LABEL=(10,SL),
++   DSN=&DNM
IEF653I SUBSTITUTION JCL - DSN=SCHLST
++SYSUT2 DD SYSOUT=A
```

```
//LSTIC.SYSIN DD *
+/SYSIN DD DDNAME=SYSIN
//
I F236I ALLOC. FOR PRTMIS   LSTIC    COPYMA
I F237I 31E   ALLOCATED TO SYSPRINT
I F237I 0C3   ALLOCATED TO SYSUT1
I F237I 31F   ALLOCATED TO SYSUT2
I F237I 310   ALLOCATED TO SYSIN
I F142I - STEP WAS EXECUTED - COND CODE 0000
I F285I   SCHLST                                    KEPT
I F285I   VOL SER NOS= IC0017.

ACCTNG --            1.92 SEC. CPU,         12.94 SEC. WAIT,  DAC=     0,  HWM=  26K

I F280E K 0C3,IC0017,PRTMIS,LSTIC
```

```
PRINT/PUNCH DATA SET UTILITY
                PRINT MAXFLDS=1
                RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
```

```
PRINT/PUNCH DATA SET UTILITY
                PRINT MAXFLDS=1
                RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
```

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PRINT/PUNCH DATA SET UTILITY
                PRINT MAXFLDS=1
                RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
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                  RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
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 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
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PRINT/PUNCH DATA SET UTILITY
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                  RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
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PRINT/PUNCH DATA SET UTILITY
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                RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
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PRINT/PUNCH DATA SET UTILITY
                 PRINT MAXFLDS=1
                 RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
```

```
PRINT/PUNCH DATA SET UTILITY
                    PRINT MAXFLDS=1
                    RECORD FIELD=(80,1)
 EOF ON SYSIN
 END OF DATA FOR SDS OR MEMBER
```

```
IDENTIFICATION DIVISION.
PROGRAM-ID. BSELECT.
AUTHOR. AL MARSH.
DATE WRITTEN. NOV 1971.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-360-H65.
OBJECT-COMPUTER. IBM-360-H65.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT  CCARDS ASSIGN TO UT-S-CIN.
    SELECT RECIN ASSIGN TO UT-S-RIN.
    SELECT RECOT ASSIGN TO UT-S-ROT.
    SELECT URCOT ASSIGN TO UT-S-UOT.
DATA DIVISION.
FILE SECTION.
FD  RECIN
    RECORDING MODE IS F
    LABEL RECORD IS STANDARD
    RECORD CONTAINS 80 CHARACTERS
    BLOCK CONTAINS 91 RECORDS
    DATA RECORD IS RCIN.
01  RCIN.
    03  FILLER PIC X(4).
    03  INCNO.
        05  FPAORG PIC X(3).
        05  FILLER PIC X(2).
        05  FPA    PIC X(2).
        05  FILLER PIC X(3).
    03  FILLER  PIC X(4).
    03  ACSEQ   PIC X(3).
    03  FILLER  PIC X(59).
FD  RECOT
    LABEL RECORD IS STANDARD
    RECORDING MODE IS F
    RECORD CONTAINS 80 CHARACTERS
    BLOCK CONTAINS 91 RECORDS
    DATA RECORD IS RCOT.
01  RCOT.
    03  FILLER  PIC X(80).
FD  CCARDS
    LABEL RECORD IS OMITTED
    RECORDING MODE IS F
    DATA RECORD IS CCRDS.
01  CCRDS.
    03  FILLER  PIC X(4).
    03  CCNO    PIC X(10).
    03  FILLER  PIC X(65).
    03  ACCDE   PIC X.
FD  URCOT
    LABEL RECORD IS STANDARD
    RECORDING MODE IS F
    RECORD CONTAINS 80 CHARACTERS
    BLOCK CONTAINS 91 RECORDS
    DATA RECORD IS URECOT.
01  URECOT.
    03  FILLER PIC X(80).
WORKING-STORAGE SECTION.
77  MREC  PIC 99999 VALUE ZEROS.
```

```
77  TABSS    PIC 999 VALUE ZEROS.
77  INCSS    PIC 999 VALUE ZEROS.
77  STRSS    PIC 999 VALUE ZEROS.
77  SRIND    PIC 9   VALUE ZERO.
01  TABLE-STORE.
    03  TINC OCCURS 900 TIMES PIC X(10).
PROCEDURE DIVISION.
    OPEN INPUT RECIN.
    OPEN OUTPUT RECOT.
    OPEN INPUT CCARDS.
    OPEN OUTPUT URCOT.
STARTA.
    READ CCARDS AT END GO TO START-SCAN-A.
    IF ACODE = '0' GO TO BILD-ENTRY.
    DISPLAY 'BAD CARD', CCRDS.
    GO TO STARTA.
BILD-ENTRY.
    ADD 1 TO INCSS.
    IF CCNO = '9999999999' GO TO BILD-LAST.
    IF INCSS    900 GO TO ERR-CCARDS.
    MOVE CCNO TO TINC (INCSS).
    GO TO STARTA.
START-SCAN-A.
    MOVE 1 TO INCSS.
START-SCAN.
    READ RECIN AT END GO TO FEOF.
    IF ACSEQ NOT = '999' GO TO START-SCAN.
    PERFORM T-SEARCH THRU FOUND-RESULTS.
    IF SRIND = 0 GO TO WRITE-NORMAL.
    ADD 1 TO MREC.
    WRITE URECOT FROM RCIN.
    DISPLAY 'SELECT', RCIN.
    MOVE SPACES TO URECOT.
    GO TO START-SCAN.
WRITE-NORMAL.
    WRITE RCOT FROM RCIN.
    MOVE SPACES TO RCOT.
    GO TO START-SCAN.
T-SEARCH.
    IF INCSS   900 MOVE 0 TO SRIND GO TO FOUND-RESULTS.
    IF INCNO ) TINC (INCSS) MOVE 0 TO SRIND GO TO FOUND-RESULTS.
    IF INCNO   TINC (INCSS) ADD 1 TO INCSS GO TO T-SEARCH.
    MOVE 1 TO SRIND.
FOUND-RESULTS.
FEOF.
    DISPLAY MREC, ' MASTER RECORDS FOUND'.
    CLOSE CCARDS, RECIN, RECOT, URCOT.
    STOP RUN.
ERR-CCARDS.
    DISPLAY 'MASTER CONTROL CARDS EXCEED 900 TABLE'
    GO TO FEOF.
BILD-LAST.
    MOVE '9999999999' TO TINC (INCSS).
    MOVE 1 TO INCSS.
    GO TO STARTA.
```

```
IDENTIFICATION DIVISION.
PROGRAM-ID. BPRORATE.
AUTHOR. AL MARSH.
DATE WRITTEN. OCT 1971.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER.IBM-360-H65.
OBJECT-COMPUTER. IBM-360-H65.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT CCARDS ASSIGN TO UT-S-BCARDS.
    SELECT RIN ASSIGN TO UT-S-RCIN.
    SELECT ROUT ASSIGN TO UT-S-ROUT.
DATA DIVISION.
FILE SECTION.
FD CCARDS
    LABEL RECORD IS OMITTED
    RECORDING MODE IS F
    DATA RECORD IS IREC.
01  IREC.
    03  ACCDEC.
        05  AYR       PIC XX.
        05  AFU       PIC XX.
      04  PARTA.
        05  AORG      PIC XXX.
        05  APRO      PIC XX.
        05  APRA      PIC XX.
        05  ACRS      PIC XXX.
      04  RESTA.
        05  AEXP      PIC XXXX.
        05  ASEQ      PIC XXX.
    03  CNC           PIC X.
    03  CCELLSNO      PIC XX.
    03  CELCT REDEFINES CCELLSNO PIC 99.
    03  CELL OCCURS 4 TIMES.
        05  CRS       PIC X(10).
        05  PCT       PIC XX.
    03  FILLER        PIC X(7).
    03  CNUM          PIC X.
FD  RIN
    LABEL RECORD IS STANDARD
    RECORDING MODE IS F
    BLOCK CONTAINS 91 RECORDS
    DATA RECORD IS INREC.
01  INREC.                                                              FIBUDCUP
    03  ACCODE.                                                         FIBUDCUP
        05  ACYR      PIC  XX.                                          FIBUDCUP
        05  ACFU      PIC  XX.                                          FIBUDCUP
      04  INCTL.
        05  ACCRG     PIC  XXX.                                         FIBUDCUP
        05  ACPRO     PIC  XX.                                          FIBUDCUP
        05  ACPRA     PIC  XX.                                          FIBUDCUP
        05  ACCRS     PIC  XXX.                                         FIBUDCUP
      04  ECTL.
        05  ACEXP     PIC  XXXX.                                        FIBUDCUP
      04    ACSEQ     PIC  XXX.                                         FIBUDCUP
    03  CODAC REDEFINES ACCODE.                                         FIBUDCUP
        05  YRAC      PIC  99.                                          FIBUDCUP
        05  FUAC      PIC  99.                                          FIBUDCUP
```

```
        05  ORGAC    PIC  999.                                         FIBUDCUP
        05  PRCAC    PIC  99.                                          FIBUDCUP
        05  PRAAC    PIC  99.                                          FIBUDCUP
        05  CRSAC    PIC  999.                                         FIBUDCUP
        05  EXPAC    PIC  9999.                                        FIBUDCUP
        05  SEQAC    PIC  999.                                         FIBUDCUP
    03  ADESC.                                                         FIBUDCUP
        05  FILLER     PIC X.                                          FIBUDCUP
        05  ATCHID   PIC XXX.
        05  ATCHR.                                                     FIBUDCUP
            07  ATLAST  PIC  X(12).                                    FIBUDCUP
            07  ATINIT  PIC  X.                                        FIBUDCUP
        05  ACRS     PIC  X(12).                                       FIBUDCUP
        05  ADPT     PIC X.                                            FIBUDCUP
        05  ASAL     PIC X(7).                                         FIBUDCUP
        05  SALA REDEFINES ASAL PIC 99999V99.                          FIBUDCUP
        05  AFC      PIC X(7).
        05  AQUANT.                                                    FIBUDCUP
            07  APCT     PIC X(6).
            07  PCTA REDEFINES APCT PIC 9999V99.
        05  ACOST    PIC X(8).
        05  COSTA REDEFINES ACOST PIC 9(6)V99.
    03  BDESC REDEFINES ADESC.                                         FIBUDCUP
        05  BPCS     PIC  XXXX.                                        FIBUDCUP
        05  BNAM     PIC  X(17).
        05  BSAL     PIC  X(7).                                        FIBUDCUP
        05  SALB REDEFINES BSAL PIC  99999V99.
        05  BSALBRK.                                                   FIBUDCUP
            07  BDOLHR  PIC 99V99.                                     FIBUDCUP
            07  BHRSDA  PIC 9V9.                                       FIBUDCUP
            07  BDAYYR  PIC 999.                                       FIBUDCUP
        05  BFC     PIC X(7).
        05  BPCT     PIC X(6).
        05  PCTB REDEFINES BPCT  PIC 9999V99.
        05  BCOST    PIC X(8).
        05  COSTB REDEFINES BCOST PIC 9(6)V99.
    03  CDESC REDEFINES BDESC.                                         FIBUDCUP
        05  CDESCR   PIC  X(44).                                       FIBUDCUP
        05  CPCT     PIC  X(6).
        05  PCTC REDEFINES CPCT PIC    9999V99.
        05  CCOST    PIC X(8).
        05  COSTC REDEFINES CCOST PIC 9(6)V99.
    03  DDESC REDEFINES CDESC.                                         FIBUDCUP
        05  DVNO     PIC  XXXX.                                        FIBUDCUP
        05  DDES     PIC  X(26).
        05  DFC     PIC X(7).
        05  DCAT     PIC  X(6).
        05  DQUANT.                                                    FIBUDCUP
            07  DPCT   PIC XXX.
            07  DQUAN PIC XXXX.                                        FIBUDCUP
            07  QUAND REDEFINES DQUAN  PIC 9999.
        05  DCOST    PIC X(8).
        05  COSTD REDEFINES DCOST PIC 9(6)V99.
    03  EDESC REDEFINES DDESC.                                         FIBUDCUP
        05  EPNO     PIC XXXX.                                         FIBUDCUP
        05  EAUTH    PIC X(12).
        05  ETITL    PIC X(20).
        05  EFC     PIC X(7).
        05  EPCT    PIC XXX.
```

```
           05  EQUAN    PIC XXXX.                                      FIBUDCUP
           05  ECOST    PIC X(8).
           05  COSTE REDEFINES ECOST PIC 9(6)V99.
       03  ACODE    PIC X.                                             FIBUDCUP
       03  CODEA    REDEFINES ACODE PICTURE 9.                         FIBUDCUP
 FD  ROUT
       RECORDING MODE IS F
       LABEL RECORD IS STANDARD
       BLOCK CONTAINS 91 RECORDS
       DATA RECORD IS RECOUT.
 01  RECOUT.
       03  FILLER  PIC X(80).
 WORKING-STORAGE SECTION.
 77  F          PIC 99 VALUE 01.
 77  X                    PIC 99 VALUE ZERO.
 77  Y                    PIC 99 VALUE 01.
 77  Z                    PIC 99 VALUE 01.
 77  CTRA     PIC 999 VALUE 001.
 77  CTRB     PIC 999 VALUE 001.
 77  CTRC     PIC 999 VALUE 001.
 01  WCELLS.
       03  CELLA OCCURS 100 TIMES.
           05  CTLB     PIC X(10).
           05  CELLB    OCCURS 30 TIMES.
               07  MCELL    PIC X(10).
               07  MPCT     PIC XX.
 01  SREC.
       03  FILLER  PIC X(4).
       03  STCRS   PIC X(10).
       03  FILLER  PIC X(66).
 01  WKPCT12.
       03  PCT12   PIC X(4) VALUE ZEROS.
       03  ACTP12  PIC XX   VALUE ZEROS.
 01  WKPCT45
       03  PCT45   PIC X    VALUE ZEROS.
       03  ACTP45  PIC XX   VALUE ZEROS.
 PROCEDURE DIVISION.
       OPEN INPUT CCARDS.
       OPEN INPUT RIN.
       OPEN OUTPUT ROUT.
       MOVE SPACES TO RECOUT.
 STARTA.
       READY TRACE.
       MOVE ZEROS TO WCELLS.
       READ CCARDS AT END GO TO ERREOF.
       DISPLAY 'INREC', IREC.
 START-A.
       IF AEXP = ZEROS AND ASEQ = ZEROS AND CNO = '1'
           MOVE PARTA TO CTLB (CTRC)
           GO TO PROC-GO.
       DISPLAY 'NO CONTROL CARD AT BEGINNING OF FILE', INREC.
       GO TO STARTA.
 PROC-GO.
       PERFORM STORE-CRSPCT VARYING X FROM 1 BY 1 UNTIL X
           IS GREATER THAN CELCT.
       MOVE IREC TO SREC.
       DISPLAY CELLA (CTRC).
 NEXT-RD.
       READ CCARDS AT END GO TO GEOFCDA.
```

```
    DISPLAY 'INREC', IREC.
    IF PARTA = STCRS GO TO PROC-GO.
    ADD 1 TO CTRC.
    MOVE PARTA TO CTLB (CTRC).
    MOVE 1 TO Y.
    GO TO PROC-GO.
ERRGEOFCDA.
    DISPLAY 'UNABLE TO STORE TABLE HI-STOPPER-PROCEEDING'.
    COMPUTE CTRC = (CTRC - 1).
    GO TO GEOFCD.
GEOFCDA.
    ADD 1 TO CTRC.
    IF CTRC   200 GO TO ERRGEOFCDA.
    MOVE '9999999999' TO CTLB (CTRC).
    GO TO GEOFCD.
GEOFCD.
    READ RIN AT END GO TO GEOF.
MATCH.
    IF INCTL = CTLB (CTRB) GO TO FOUND-MATCH.
    IF INCTL   CTLB (CTRB) GO TO BUMP-A.
BEOF.
    DISPLAY 'MASTER COURSE NO MATCH IN ARRAY', INREC.
    GO TO BADEOF.
BUMP-A.
    ADD 1 TO CTRB.
    IF CTRB   CTRC GO TO BEOF.
    GO TO MATCH.
FOUND-MATCH.
    MOVE CTRB TO CTRA.
    PERFORM TYPE-FIND THRU MATCH-DONE.
    MOVE 1 TO F.
    GO TO GEOFCD.
TYPE-FIND.
    IF ACODE    '1'    GO TO TYPE-TWO.
ONE-WRITE.
    IF MCELL (CTRA, F) = ZEROS GO TO ONE-DONE.
    MOVE MCELL (CTRA, F) TO INCTL.
    MOVE MPCT (CTRA, F) TO ACTP12.
    MOVE WKPCT12 TO APCT.
    DISPLAY 'OTREC', INREC.
    WRITE RECOUT FROM INREC.
    MOVE SPACES TO RECOUT.
    ADD 1 TO F.
    GO TO ONE-WRITE.
ONE-DONE.
    MOVE 1 TO F.
    MOVE SPACES TO RECOUT.
    GO TO MATCH-DONE.
TYPE-TWO.
    IF ACODE    '2'    GO TO TYPE-FOUR.
TWO-WRITE.
    IF MCELL (CTRA, F) = ZEROS GO TO ONE-DONE.
    MOVE MCELL (CTRA, F) TO INCTL.
    MOVE MPCT (CTRA, F) TO ACTP12.
    MOVE WKPCT12 TO BPCT.
    DISPLAY 'OTREC', INREC.
    WRITE RECOUT FROM INREC.
    MOVE SPACES TO RECOUT.
    ADD 1 TO F.
```

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    GO TO TWO-WRITE.
TYPE-FOUR.
    IF ACODE = '3' GO TO ERROR-EXP.
    IF ACODE    '4' GO TO TYPE-FIVE.
FOUR-WRITE.
    IF MCELL (CTRA, F) = ZEROS GO TO ONE-DONE.
    MOVE MCELL (CTRA, F) TO INCTL.
    MOVE MPCT (CTRA, F) TO ACTP45.
    MOVE WKPCT45 TO DPCT.
    DISPLAY 'OTREC', INREC.
    WRITE RECOUT FROM INREC.
    MOVE SPACES TO RECOUT.
    ADD 1 TO F.
    GO TO FOUR-WRITE.
TYPE-FIVE.
    IF ACODE    '5' GO TO ERROR-EXP.
FIVE-WRITE.
    IF MCELL (CTRA, F) = ZEROS GO TO ONE-DONE.
    MOVE MCELL (CTRA, F) TO INCTL.
    MOVE MPCT (CTRA, F) TO ACTP45.
    MOVE WKPCT45 TO EPCT.
    DISPLAY 'OTREC', INREC.
    WRITE RECOUT FROM INREC.
    MOVE SPACES TO RECOUT.
    ADD 1 TO F.
    GO TO FIVE-WRITE.
MATCH-DONE. EXIT.
ERROR-EXP.
    DISPLAY 'ERROR EX-CODE', INREC.
    GO TO MATCH-DONE.
GEOF.
    RESET TRACE.
    CLOSE CCARDS.
    CLOSE RIN.
    CLOSE ROUT.
    STOP RUN.
STORE-CRSPCT.
    IF  CRS (X) = ZEROS MOVE 12 TO X ELSE
            MOVE CRS (X) TO MCELL (CTRC, Y)
            MOVE PCT (X) TO MPCT (CTRC, Y)
            ADD 1 TO Y.
ERREOF.
    DISPLAY 'RUN TERMINATED ERROR CARDS IN FILE'.
    GO TO GEOF.
BADEOF.
    DISPLAY 'MASTER CARD PULLED BY SELECT PROG-NOMATCH PROR'.
    GO TO GEOF.
```

```
IDENTIFICATION DIVISION.                                          FIBUDCUP
PROGRAM-ID. FIBUDLST.
AUTHOR. BILL CLARK.
DATE WRITTEN. SEPT  1971.
ENVIRONMENT DIVISION.                                             FIBUDCUP
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-360-H65.                                     FIBUDCUP
OBJECT-COMPUTER. IBM-360-H65.                                     FIBUDCUP
SPECIAL-NAMES. C01 IS CHANNEL-1.
INPUT-OUTPUT SECTION.                                             FIBUDCUP
FILE-CONTROL.                                                     FIBUDCUP
    SELECT UPD-FILE ASSIGN TO UT-S-UFILE.
    SELECT CONTROL-CARD ASSIGN TO UR-S-CARDIN.
    SELECT DLIST ASSIGN TO UT-S-DLIST.
DATA DIVISION.
FILE SECTION.
FD  DLIST                                                         FIBUDCUP
    LABEL RECORD IS OMITTED                                       FIBUDCUP
    RECORDING MODE IS F                                           FIBUDCUP
    RECORD CONTAINS 133 CHARACTERS                                FIBUDCUP
    DATA RECORD IS DELIST.                                        FIBUDCUP
01  PRINT-LINE.
    03  FILLER  PIC X.                                            FIBUDCUP
    03  DEFIL   PIC X(132).                                       FIBUDCUP
FD CONTROL-CARD
    LABEL RECORD IS OMITTED                                       FIBUDCUP
    RECORDING MODE IS F                                           FIBUDCUP
    RECORD CONTAINS 80 CHARACTERS
    DATA RECORDS ARE CARD-1, CARD-2, CARD-0, CARD-3.
01 CARD-0.
    03  PCFYR   PIC XX.
    03  PCFUND  PIC XX.
    03  PCORG   PIC XXX.
    03 PCPRO PIC XX.
    03 NCPRO REDEFINES PCPRO PIC 99.
    03  NCSPS REDEFINES NCPRO.
        05  NCPRON  PIC 9.
        05  NCSPRON PIC 9.
    03 PCPRA PIC       XX.
    03 NCPRA REDEFINES PCPRA PIC 99.
    03 FILLER PIC X(10).
    03 PCPRAWDS PIC X(10).
    03  SPROGWORD REDEFINES PCPRAWDS.
        05  SPROW   PIC X(7).
        05  FILLER PIC XXX.
    03 FILLER PIC X(48).
    03 TCARD PIC X.
01 CARD-1.
    02 CARD-TYPE PIC 9.
    02 SCHOOL-SPECS.
      03 SCHOOL-NAME PIC X(23).
      03 DIST PIC XXXX.
      03 SCHOOLNO PIC XXX.
    03  PCRUN   PIC XXX.
    03  PCR REDEFINES PCRUN.
        05  FILLER  PIC X.
        05  FRUNUM  PIC XX.
    03 FILLER PIC X(6).
      03 DIST-NAME PIC X(26).
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          03 FILLER PIC X(14).
       01 CARD-2.
          03 TYPE-CARD PIC 9.
          03 CORGS.
              05  CORG1 PIC XXX.
              05  WORG1 REDEFINES CORG1 PIC 999.
              05  WLEV1 REDEFINES WORG1.
                  07  LEV1 PIC 9.
                  07  FILLER PIC XX.
              05  CORG2 PIC XXX.
              05  WORG2 REDEFINES CORG2 PIC 999.
              05  WLEV2 REDEFINES WORG2.
                  07  LEV2 PIC 9.
                  07  FILLER PIC XX.
              05  CORG3 PIC XXX.
              05  WORG3 REDEFINES CORG3 PIC 999.
              05  WLEV3 REDEFINES WORG3.
                  07  LEV3 PIC 9.
                  07  FILLER PIC XX.
              05  CORG4 PIC XXX.
              05  WORG4 REDEFINES CORG4 PIC 999.
              05  WLEV4 REDEFINES WORG4.
                  07  LEV4 PIC 9.
                  07  FILLER PIC XX.
              05  CORG-RANK PIC 99.
          03 CPROS.
              05 CPRO1 PIC XX.
              05 NPRO1 REDEFINES CPRO1 PIC 99.
              05 CPRO2 PIC XX.
              05 NPRO2 REDEFINES CPRO2 PIC 99.
              05 CPRO-RANK PIC 99.
          0  CPRAS.
              05 CPRA1 PIC XX.
              05 NPRA1 REDEFINES CPRA1 PIC 99.
             05 CPRA2 PIC XX.
              05 NPRA2 REDEFINES CPRA2 PIC 99.
             05 CPRA3 PIC XX.
             05 NPRA3 REDEFINES CPRA3 PIC 99.
             05 CPRA4 PIC XX.
              05 NPRA4 REDEFINES CPRA4 PIC 99.
              05 CPRA-RANK PIC 99.
          03 CCRSS.
              05 CCRS1 PIC XXX.
              05 CCRS2 PIC XXX.
              05 CCRS3 PIC XXX.
              05 CCRS4 PIC XXX.
              05 CCRS-RANK PIC 99.
          03 FILLER PIC X(16).
          03 CITM PIC 99.
          03 CRUN PIC XXX.
          03 CFUND PIC X.
          03 FILLER PIC X(13).
       01 CARD-3.
          02 CARDT PIC 9.
          02 AEXPS.
           03 CEXPS OCCURS 9 TIMES PIC XXXX.
          02 FILLER PIC X(43).
       FD  UPD-FILE
          LABEL RECORD IS STANDARD                                  FIBUDCUP
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    RECORDING MODE IS F                                              FIBUDCUP
    RECORD CONTAINS 120 CHARACTERS
    BLOCK CONTAINS 60 RECORDS
    DATA RECORD IS BRECOT.                                           FIBUDCUP
01  BRECCT.                                                          FIBUDCUP
    03  BCTAC.                                                       FIBUDCUP
        05  BOTYR    PIC XX.                                         FIBUDCUP
        05  BOTFUN   PIC XX.                                         FIBUDCUP
        05  BOTORG   PIC XXX.                                        FIBUDCUP
        05 ORGBOT REDEFINES BOTORG.
            07 BORG PIC 9.
            07 FILLER PIC XX.
        05  BOTPRO   PIC XX.                                         FIBUDCUP
        05  PRBOT REDEFINES BOTPRO.
            07  BPRO PIC 9.
            07  BSPRO PIC 9.
        05  BOTPRA   PIC XX.                                         FIBUDCUP
        05  BOTCRS   PIC XXX.                                        FIBUDCUP
        05  BOTEXP   PIC XXXX.                                       FIBUDCUP
        05 EXP-BOT REDEFINES BOTEXP.
          07 EXP1 PIC 9.
          07 FILLER PIC XXX.
        05  BOTSEQ   PIC XXX.                                        FIBUDCUP
    03  BOTACTIONCODES.                                              FIBUDCUP
        05  BOTRTYP PIC X.                                           FIBUDCUP
        05  BOTDCOD PIC X.                                           FIBUDCUP
        05  BOTRCOD PIC X.                                           FIBUDCUP
        05  BOTRUNO PIC XX.                                          FIBUDCUP
    03  BOTFONO        PICTURE X(7).
    03  BOFONON REDEFINES BOTFONO  PICTURE 99999V99.
    03  BOTDESA.                                                     FIBUDCUP
        05  FILLER        PIC X.                                     FIBUDCUP
        05  BOTTCOD       PIC XXX.                                   FIBUDCUP
        05  BOTTNAM                                                  FIBUDCUP
            07  BOLNAM  PIC X(12).                                   FIBUDCUP
            07  BOINIT  PIC X.                                       FIBUDCUP
        05  BOTCNAM       PIC X(12).                                 FIBUDCUP
        05  BOTOCOD       PIC X.                                     FIBUDCUP
        05  BOTSAL        PIC X(7).                                  FIBUDCUP
        05  SALBOT REDEFINES BOTSAL PIC 99999V99.                    FIBUDCUP
        05  NAFONO  PICTURE X(7).
        05  NFONOA REDEFINES NAFONO PICTURE 99999V99.
        05  BOTPCT        PIC X(6).
        05  PCTBOT REDEFINES BOTPCT PIC  9999V99.
        05  BOTCOST       PIC 999999V99.
    03  BOTDESB REDEFINES BOTDESA.                                   FIBUDCUP
        05  BOTAPCOD      PIC XXXX.                                  FIBUDCUP
        05  BOTANAME      PIC X(17).
        05  BOTASAL       PIC X(7).                                  FIBUDCUP
        05  SALBOTA REDEFINES BOTASAL PIC 99999V99.                  FIBUDCUP
        05  BOTASHR       PIC XXXX.
        05  HRSBOTA REDEFINES BOTASHR PIC 99V99.
        05  BOTAHRDA      PIC XX.                                    FIBUDCUP
        05  HRDABOTA REDEFINES BOTAHRDA PIC 9V9.
        05  BOTADAYR      PIC XXX.                                   FIBUDCUP
        05  DAYRBOTA REDEFINES BOTADAYR PIC 999.                     FIBUDCUP
        05  NBFONO  PICTURE X(7).
        05  NFONOB REDEFINES NBFONO PICTURE 99999V99.
        05  BOTAPCT       PIC  9999V99.
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         05  BOTACOST      PIC 999999V99.
      03  BOTDESC REDEFINES BOTDESB.                                  FIBUDCUP
         05  BOTBDESC      PIC X(37).
         05  NCFONO  PICTURE X(7).
         05  NFONOC REDEFINES NCFONO PICTURE 99999V99.
         05  BOTBPCT       PIC X(6).
         05  PCTBOTB REDEFINES BOTBPCT PIC  9999V99.
         05  BOTBCOST      PIC 999999V99.
      03  BOTDESD REDEFINES BOTDESC.                                  FIBUDCUP
         05  BOTCVNO       PIC XXXX.                                  FIBUDCUP
         05  BOTCDESC      PIC X(26).
         05  NDFONO  PICTURE X(7).
         05  NFONOD REDEFINES NDFONO PICTURE 99999V99.
         05  BOTCCATNO     PIC X(6).
         05  BOTUQ.                                                   FIBUDCUP
             07 BOTCPCT PIC XXX.
             07 BOTPCTC REDEFINES BOTCPCT PIC 9V99.
             07  BOTCQUAN PIC XXXX                                    FIBUDCUP
             07  QUANBOTC REDEFINES BOTCQUAN PIC 9999.                FIBUDCUP
         05  BOTCCOST       PIC 999999V99.
      03  BOTDESE REDEFINES BOTDESD.                                  FIBUDCUP
         05  BOTDPUBNO     PIC XXXX                                   FIBUDCUP
         05  BOTDAUTH      PIC X(14).
         05  BOTDTIT       PIC X(22).
         05  NEFONO PICTURE X(6).
         05  NFONOE REDEFINES NEFONO PICTURE 99999V9.
         05  BOTDQUAN      PIC XXXX.                                  FIBUDCUP
         05  BOTDCOST      PIC 999999V99.
      03  COSTOT  PIC X(8).                                           FIBUDCUP
      03  OTCOST REDEFINES COSTOT PIC 999999V99.                      FIBUDCUP
      03  BOTPRNAM      PIC X(10).
      03  FILLER        PIC X(12).
 WORKING-STORAGE SECTION.                                             FIBUDCUP
      77 EXPNO PIC 9999 VALUE 0.
      77 PRANAME PIC X(10) VALUE SPACES.
      77 PROGRAMS PIC X(12) VALUE SPACES.
 77   SPROGRAMS        PIC X(7) VALUE SPACES.
 77   SPROBOT      PIC 99 VALUE ZEROS.
      77 I  PIC 99 VALUE 0.
      77 J  PIC 99 VALUE 0.
      77 K  PIC 99 VALUE 0.
 77   WSPRO        PIC 99 VALUE ZEROS.
      77 FNO PIC 99.
      77 EXP2 PIC 99 VALUE 1.
      77 NUM-LINES PIC 99 VALUE 0.
      77 PAGES PIC 999 VALUE 0.
      77 NEW-LIST PIC 9 VALUE 0.
      77 DST-NAME PIC X(26) VALUE SPACES.
      77 DST-NUM PIC XXXX VALUE SPACES.
      77 HEADER-TYPE PIC 9.
      77 L PIC 9.
      77 LEVNO PIC 9 VALUE 0.
      77 SCHNUM PIC 99 VALUE 0.
      77 ORG-FIND PIC XXX VALUE SPACES.
      77 PLEV PIC 9 VALUE 0.
      77 NO-NEW-PAGE PIC 9 VALUE 0.
      77 INVALID-SWITCH PIC 9 VALUE 0.
      77 EXP-SWITCH PIC 9.
      77 LEVEL-SWITCH PIC 9.
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    77 ARG PIC S99999 USAGE COMPUTATIONAL VALUE +5.
01 DATES.
    03 DAET PIC XXXX OCCURS 11 TIMES.
01 DTE REDEFINES DATES.
    03 DATE PIC X(18).
    03 FILLER PIC X(26).
01 FUND-SAVE.
    03 FUNS PIC XX.
    03 SFUN REDEFINES FUNS PIC 99.
01 EXPENDITURES.
    02 EXPNO1.
    03 EXPNOS OCCURS 9 TIMES PIC XXXX.
    02 EXPNO2 REDEFINES EXPNO1.
    03 EXPN1 PIC XXXX.
    03 EXPN2 PIC XXXX.
    03 EXPN3 PIC XXXX.
    03 EXPN4 PIC XXXX.
    03 EXPN5 PIC XXXX.
    03 EXPN6 PIC XXXX.
    03 EXPN7 PIC XXXX.
    03 EXPN8 PIC XXXX.
    03 EXPN9 PIC XXXX.
01 CHECKS.
    03 CHKLEV PIC 9.
    03 CHKORG  PIC XXX.
    03 CHKPRO  PIC XX.
    03 PROCHK REDEFINES CHKPRO.
      05 PROBOT PIC 9.
      05 PROBOTP PIC 9.
    03 PROSCHK REDEFINES PROCHK PIC 99.
    03 CHKPRA  PIC XX.
    03 CHKCRS  PIC XXX.
    03 CHKEXP PIC XXXX.
01 WS-SPECS.
    02 WS.
     03 WSCHOOL-NAME PIC X(23).
     03 WDIST PIC XXXX.
     03 WSCHOOLNO PIC XXX.
    03 WPCRUN   PIC XXX.
      03 FILLER PIC X(17).
     03 WDIST-NAME PIC X(25).
      03 FILLER PIC X(15).
01 LISTINGS.
    02 TYPE-LIST.
    03 TYPE1 PIC X(12) VALUE 'SCHOOL      '.
    03 TYPE2 PIC X(12) VALUE 'PROGRAM     '.
    03 TYPE3 PIC X(12) VALUE 'DEPARTMENT  '.
    03 TYPE4 PIC X(12) VALUE 'COURSE      '.
    03 TYPE5 PIC X(12) VALUE 'EXPENDITURE '.
    03 TYPE6 PIC X(12) VALUE 'LEVEL       '.
    02 T-LIST REDEFINES TYPE-LIST.
    03 LIST-TYPE OCCURS 6 TIMES PIC X(12).
01 ALL-PRA-LIST-TOTALS.
    02 EXPENDS.
    03 EXPS OCCURS 12 TIMES PIC 9(8)V99.
    02 TOT-EXPS REDEFINES EXPENDS.
    03  CERT-SAL       PIC  9(8)V99.
    03 NCERT-SAL       PIC  9(8)V99.
    03 EMP-BEN         PIC  9(8)V99.
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03 SUP-EQP          PIC  9(8)V99.
03 MATRLS           PIC  9(8)V99.
03 REP-REPL         PIC  9(8)V99.
03 CAP-OUT          PIC  9(8)V99.
03 CONT-SERV        PIC  9(8)V99.
03 OTHER-COST       PIC  9(8)V99.
03 TOT-PERS         PIC  9(8)V99.
03 TOT-NPERS        PIC  9(8)V99.
03 TOT-TOT          PIC  9(8)V99.
02 TCOURSE.
03 TCRS OCCURS 12 TIMES PIC 9(8)V99.
02 TOT-CRSS REDEFINES TCOURSE.
03  CERT-SAL        PIC  9(8)V99.
03 NCERT-SAL        PIC  9(8)V99.
03 EMP-BEN          PIC  9(8)V99.
03 SUP-EQP          PIC  9(8)V99.
03 MATRLS           PIC  9(8)V99.
03 REP-REPL         PIC  9(8)V99.
03 CAP-OUT          PIC  9(8)V99.
03 CONT-SERV        PIC  9(8)V99.
03 OTHER-COST       PIC  9(8)V99.
03 TOT-PERS         PIC  9(8)V99.
03 TOT-NPERS        PIC  9(8)V99.
03 TOT-TOT          PIC  9(8)V99.
02 TPROGAREA.
03 TPRA OCCURS 12 TIMES PIC 9(8)V99.
02 TOT-PRAS REDEFINES TPROGAREA.
03  CERT-SAL        PIC  9(8)V99.
03 NCERT-SAL        PIC  9(8)V99.
03 EMP-BEN          PIC  9(8)V99.
03 SUP-EQP          PIC  9(8)V99.
03 MATRLS           PIC  9(8)V99.
03 REP-REPL         PIC  9(8)V99.
03 CAP-OUT          PIC  9(8)V99.
03 CONT-SERV        PIC  9(8)V99.
03 OTHER-COST       PIC  9(8)V99.
03 TOT-PERS         PIC  9(8)V99.
03 TOT-NPERS        PIC  9(8)V99.
03 TOT-TOT          PIC  9(8)V99.
02  TSPROGRAM.
    03  TSPRO OCCURS 12 TIMES PIC 9(8)V99.
02  TOT-SPROS REDEFINES TSPROGRAM.
    03  CERT-SAL        PIC  9(8)V99.
    03 NCERT-SAL        PIC  9(8)V99.
    03 EMP-BEN          PIC  9(8)V99.
    03 SUP-EQP          PIC  9(8)V99.
    03 MATRLS           PIC  9(8)V99.
    03 REP-REPL         PIC  9(8)V99.
    03 CAP-OUT          PIC  9(8)V99.
    03 CONT-SERV        PIC  9(8)V99.
    03 OTHER-COST       PIC  9(8)V99.
    03 TOT-PERS         PIC  9(8)V99.
    03 TOT-NPERS        PIC  9(8)V99.
    03 TOT-TOT          PIC  9(8)V99.
02 TPROGRAM.
03 TPRO OCCURS 12 TIMES PIC 9(8)V99.
02 TOT-PROS REDEFINES TPROGRAM.
03  CERT-SAL        PIC  9(8)V99.
03 NCERT-SAL        PIC  9(8)V99.
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       03 EMP-BEN          PIC  9(8)V99.
       03 SUP-EQP          PIC  9(8)V99.
       03 MATRLS           PIC  9(8)V99.
       03 REP-REPL         PIC  9(8)V99.
       03 CAP-OUT          PIC  9(8)V99.
       03 CONT-SERV        PIC  9(8)V99.
       03 OTHER-COST       PIC  9(8)V99.
       03 TOT-PERS         PIC  9(8)V99.
       03 TOT-NPERS        PIC  9(8)V99.
       03 TOT-TOT          PIC  9(8)V99.
       02 TORGANIZATION.
       03 TORG OCCURS 12 TIMES PIC 9(8)V99.
       02 TOT-ORGS REDEFINES TORGANIZATION.
       03  CERT-SAL        PIC  9(8)V99.
       03 NCERT-SAL        PIC  9(8)V99.
       03 EMP-BEN          PIC  9(8)V99.
       03 SUP-EQP          PIC  9(8)V99.
       03 MATRLS           PIC  9(8)V99.
       03 REP-REPL         PIC  9(8)V99.
       03 CAP-OUT          PIC  9(8)V99.
       03 CONT-SERV        PIC  9(8)V99.
       03 OTHER-COST       PIC  9(8)V99.
       03 TOT-PERS         PIC  9(8)V99.
       03 TOT-NPERS        PIC  9(8)V99.
       03 TOT-TOT          PIC  9(8)V99.
       02 TLEVEL.
       03 TLEV OCCURS 12 TIMES PIC 9(8)V99.
       02 TOT-LEVS REDEFINES TLEVEL.
       03  CERT-SAL        PIC  9(8)V99.
       03 NCERT-SAL        PIC  9(8)V99.
       03 EMP-BEN          PIC  9(8)V99.
       03 SUP-EQP          PIC  9(8)V99.
       03 MATRLS           PIC  9(8)V99.
       03 REP-REPL         PIC  9(8)V99.
       03 CAP-OUT          PIC  9(8)V99.
       03 CONT-SERV        PIC  9(8)V99.
       03 OTHER-COST       PIC  9(8)V99.
       03 TOT-PERS         PIC  9(8)V99.
       03 TOT-NPERS        PIC  9(8)V99.
       03 TOT-TOT          PIC  9(8)V99.
       02 TDISTRICT.
       03 TDIST OCCURS 12 TIMES PIC 9(8)V99.
       02 TOT-DISTS REDEFINES TDISTRICT.
       03  CERT-SAL        PIC  9(8)V99.
       03 NCERT-SAL        PIC  9(8)V99.
       03 EMP-BEN          PIC  9(8)V99.
       03 SUP-EQP          PIC  9(8)V99.
       03 MATRLS           PIC  9(8)V99.
       03 REP-REPL         PIC  9(8)V99.
       03 CAP-OUT          PIC  9(3)V99.
       03 CONT-SERV        PIC  9(8)V99.
       03 OTHER-COST       PIC  9(8)V99.
       03 TOT-PERS         PIC  9(8)V99.
       03 TOT-NPERS        PIC  9(8)V99.
       03 TOT-TOT          PIC  9(8)V99.
   01 FUND-TITL.
       03 FTITL PIC X(10) VALUE '    FUND  '.
       03 FNUMBER PIC Z9.
   01 TFUND.
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          02 FNT1.
          03 FUNT OCCURS 50 TIMES.
           05 FUNDT.
            07 TFUN OCCURS 12 TIMES PIC 9(8)V99.
           05 FUNTT REDEFINES FUNDT.
          07  CERT-SAL       PIC  9(8)V99.
          07 NCERT-SAL       PIC  9(8)V99.
          07 EMP-BEN         PIC  9(8)V99.
          07 SUP-EQP         PIC  9(8)V99.
          07 MATRLS          PIC  9(8)V99.
          07 REP-REPL        PIC  9(8)V99.
          07 CAP-OUT         PIC  9(8)V99.
          07 CONT-SERV       PIC  9(8)V99.
          07 OTHER-COST      PIC  9(8)V99.
          07 TOT-PERS        PIC  9(8)V99.
          07 TOT-NPERS       PIC  9(8)V99.
          07 TOT-TOT         PIC  9(8)V99.
          02 FNT2.
          03  CERT-SAL       PIC  9(8)V99.
          03 NCERT-SAL       PIC  9(8)V99.
          03 EMP-BEN         PIC  9(8)V99.
          03 SUP-EQP         PIC  9(8)V99.
          03 MATRLS          PIC  9(8)V99.
          03 REP-REPL        PIC  9(8)V99.
          03 CAP-OUT         PIC  9(8)V99.
          03 CONT-SERV       PIC  9(8)V99.
          03 OTHER-COST      PIC  9(8)V99.
          03 TOT-PERS        PIC  9(8)V99.
          03 TOT-NPERS       PIC  9(8)V99.
          03 TOT-TOT         PIC  9(8)V99.
      01 LEVEL-OF-SCHOOL.
          02 SLEVEL.
          03 LEVEL3 PIC X(12) VALUE 'SENIOR HIGH '.
          03 LEVEL2 PIC X(12) VALUE 'JUNIOR HIGH '.
          03 FILLER PIC X(12) VALUE SPACES.
          03 LEVEL1 PIC X(12) VALUE 'ELEMENTARY  '.
          03 LEVEL0 PIC X(12) VALUE 'TOTAL SYSTEM'.
          02 LEVEL-SCH REDEFINES SLEVEL.
          03 SCH-LEVEL OCCURS 5 TIMES PIC X(12).
      01 DISTR-DISCR.
          03 DISTR1 PIC X(5) VALUE 'DIST '.
          03 DISTR2 PIC XXXX.
          03 FILLER PIC XXX VALUE '   '.
      01 LAST-LNE-P1.
          02 FILLER PIC X(19) VALUE SPACES.
          02 PRIM PIC X(12).
          02 WTHIN PIC X(9) VALUE ' WITHIN '.
          02 SECND PIC X(12).
          02 TRI PIC X(4) VALUE ' BY '.
          02  LST PIC X(12).
          02 FILLER PIC XX VALUE SPACES.
          02 PA-TYPE PIC X(62) VALUE SPACES.
      01 BUILDING.
          03 BLD1 PIC X(8) VALUE 'BUILDG '.
          03 BLD2 PIC XXX.
          03 FILLER PIC X VALUE ' '.
      01 PROGRAM-NAMES.
          03 P-NAMES.
            05 PROG2  PIC  X(12) VALUE 'INSTRUCTION '.
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           05 PROG3  PIC  X(12) VALUE 'SUPRT-INSTR '.
           05 PROG1  PIC  X(12) VALUE 'ADMINISTRATE'.
           05 PROG4  PIC  X(12) VALUE 'MAINTENANCE '.
       01 PROG-NAM REDEFINES PROGRAM-NAMES.
           03 PROGNAM OCCURS 4 TIMES PIC X(12).
       01 LONG-PROG-NAMES.
           03 L-P-NAMES.
           04 LPROG2 PIC X(25) VALUE 'INSTRUCTION              '.
           04 LPROG3 PIC X(25) VALUE 'SUPPORT OF INSTRUCTION   '.
           04 LPROG1 PIC X(25) VALUE 'ADMINISTRATION           '.
           04 LPROG4 PIC X(25) VALUE 'MAINTENANCE AND OPERATION'.
           03 L-PROG-NAMES REDEFINES L-P-NAMES.
           04 L-P-NAM OCCURS 4 TIMES PIC X(25).
       01  S-PROG-NAMES.
           03  S-PROG OCCURS 90 TIMES PIC X(7).
       01 PROGRAM-AREA-NAMES.
           02 PAN.
           03 FILLER PIC X(2400) VALUE SPACES.
           02 PRAN REDEFINES PAN.
           03 PROG-NUM OCCURS 4 TIMES.
           04 PRGM-AREA OCCURS 60 TIMES PIC X(10).
       01 BUILDING-NAMES.
           02 INSCH OCCURS 50 TIMES.
           03 SCHOOL-NAME  PIC X(23).
           03 DIST PIC XXXX.
           03 SCHOOLNO PIC XXX.
       01 PA.
           03 PA1 PIC X(28) VALUE 'D E P A R T M E N T - - - - '.
           03 TLPRA PIC X(20).
           03 FILLER PIC X(14) VALUE SPACES.
       01 PG.
           03 PG1 PIC X(18) VALUE 'P R O G R A M - - '.
           03 TLPRO PIC X(25).
           03 FILLER PIC X(19) VALUE SPACES.
       01 ORGN.
           03 ORGN1 PIC X(20) VALUE 'B U I L D I N G - - '.
           03 TLORGN PIC X(23).
           03 FILLER PIC X(19) VALUE SPACES.
       01 DSTRT.
           03 DSTRT1 PIC X(21) VALUE 'D I S T R I C T - -  '.
           03 TLDIST PIC X(26).
           03 FILLER PIC X(16) VALUE SPACES.
       01 TOP-LINE-PAGE-1.
           02 FILLER PIC X(10) VALUE SPACES.
           02 PBS PIC X(78) VALUE 'P R O P O S E D   B U D G E T   S U M
      -    'M A R Y - - D E P A R T M E N T - - - - '.
           02 TYPE-PA-1 PIC X(10).
           02 FILLER PIC X(34) VALUE SPACES.
       01 LINE-2-PAGE-1.
           02 FILLER PIC X(14) VALUE SPACES.
           02 FORS PIC XXXX VALUE 'FOR '.
           02 DNAME PIC X(26).
           02 PRNT-DATE PIC X(9) VALUE '    DATE '.
           02 DATT PIC X(18).
           02 PRNT-RUN PIC X(12) VALUE '    RUN NO. '.
           02 RUNS PIC XXX.
           02 FILLER PIC X(46) VALUE SPACES.
       01  S-PROGRAM-HEADER.
           02  FILLER PIC X(60) VALUE SPACES.
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      02  SPROG-TITLE PIC X(25) VALUE 'S U B - P R O G R A M - -'.
      02  TYPE-SPR-1 PIC X(7) VALUE SPACES.
      02  FILLER PIC X(40) VALUE SPACES.
 01 PROG-AREA-LINE.
     02 FILLER PIC X(88) VALUE SPACES.
     02 TYPE-PA-2 PIC X(10).
     02 FILLER PIC X(34)        VALUE SPACES.
 01 PROGRAM-HEADER.
     02 FILLER PIC X(60) VALUE SPACES.
     02 PROG-TITLE PIC X(18) VALUE 'P R O G R A M - - '.
     02 TYPE-PR-1 PIC X(25).
     02 FILLER PIC X(29) VALUE SPACES.
 01 PROGRAM-LINE.
     02 FILLER PIC X(78) VALUE SPACES.
     02 TYPE-PR-2 PIC X(25).
     02 FILLER PIC X(29) VALUE SPACES.
 01 BUILDING-HEADER.
     02 FILLER PIC X(60) VALUE SPACES.
     02 BILD-TITLE PIC X(20) VALUE 'B U I L D I N G - - '.
     02 BUILD-NAME-1 PIC X(23).
     02 FILLER PIC X(29) VALUE SPACES.
 01 BUILDING-LINE.
     02 FILLER PIC X(80) VALUE SPACES.
     02 BUILD-NAME-2 PIC X(23).
     02 FILLER PIC X(29) VALUE SPACES.
 01 LEVEL-HEADER.
     02 FILLER PIC X(60) VALUE SPACES.
     02 LEVEL-TITLE PIC X(20) VALUE 'L E V E L - - - - - - '.
     02 TYPE-LEVEL-1 PIC X(12).
     02 FILLER PIC X(40) VALUE SPACES.
 01 LEVEL-LINE.
     02 FILLER PIC X(80) VALUE SPACES.
     02 TYPE-LEVEL-2 PIC X(12).
     02 FILLER PIC X(40) VALUE SPACES.
 01 EXP-LINE.
     02 EXP-LINE-1.
     03 FILLER PIC X(10) VALUE SPACES.
     03 TLEXP PIC X(14) VALUE ' EXPENDITURES '.
     03 EXPN1 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN2 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN3 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN4 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN5 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN6 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN7 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN8 PIC XXXX.
     03 FILLER PIC XX VALUE '  '.
     03 EXPN9 PIC XXXX.
     03 FILLER PIC X(56) VALUE SPACES.
 01 LVL.
     03 LVL1 PIC X(14) VALUE 'L E V E L - - '.
     03 TLLVL PIC X(12).
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    03 FILLER PIC X(36) VALUE SPACES.
 01 TOP-LINE-PA.
    03 FILLER PIC X(20) VALUE SPACES.
    03 TL1 PIC X(50) VALUE 'P R O P O S E D   B U D G E T   S U M
-   ' M A R Y - - '.
    03 TL2 PIC X(62).
 01 LINE-2.
    02 LN2.
    03 FILLER PIC X(5)  VALUE SPACES.
    03 PRINT-DIST PIC X(6) VALUE  'DIST--'.
     03 WDIST PIC XXXX.
    03 FILLER PIC X(8)  VALUE SPACES.
    03 PRINT-SCH PIC X(8) VALUE 'SCHOOL  '.
     03 WSCHOOL-NAME PIC X(30).
    03  PRINT-RUN PIC X(14) VALUE '      RUN NO. '.
    03 WPCRUN   PIC XXX.
    03 FILLER PIC X(21) VALUE SPACES.
    03 DAIT PIC X(18).
    03 PAGE-OUT PIC X(10) VALUE '    PAGE  '.
    03 PRINT-PAGE PIC  ZZ9.
    03 FILLER PIC XX    VALUE SPACES.
 01 LINE-3.
    03 FILLER PIC X(17) VALUE SPACES.
    03 FILLER PIC X(2)  VALUE SPACES.
    03 L3-1 PIC X(111) VALUE 'CERT.          N-CERT.           EMP.
-   '       SUP.        MATLS      REP. &      CAP.        CONT.
-   'OTHER       TOTAL'.
    03 FILLER PIC X(5)  VALUE SPACES.
 01 LINE-4.
    03 FILLER PIC X(2)  VALUE SPACES.
    03 TIPE PIC X(15).
    03 FILLER PIC X(2)  VALUE SPACES.
    03 L41 PIC X(100) VALUE 'SAL.          SAL.            BEN.
-   '                         REPL.       OUT.         SERV.     C
-   'OSTS'.
    03 FILLER PIC X(13) VALUE SPACES.
 01 EXP-LINE-3.
    03 FILLER PIC X(21) VALUE '  EXPENDITURE LISTS  '.
    03 EL3-1 PIC X(110) VALUE  'EXP-1           EXP-2          EX
-   'P-3         EXP-4      EXP-5       EXP-6    EXP-7       EXP-8
-   '   EXP-9    TOTAL'.
 01 EXP-LINE-4.
    02 EL4-1.
    03 FILLER PIC XX VALUE SPACES.
    03 TPE PIC X(15).
    03 FILLER PIC X(5) VALUE SPACES.
    03 EXPN1 PIC XXXX.
    03 FILLER PIC X(12) VALUE SPACES.
    03 EXPN2 PIC XXXX.
    03 FILLER PIC X(11) VALUE SPACES.
    03 EXPN3 PIC XXXX.
    03 FILLER PIC X(9)  VALUE SPACES.
    03 EXPN4 PIC XXXX.
    03 FILLER PIC X(6)  VALUE SPACES.
    03 EXPN5 PIC XXXX.
    03 FILLER PIC X(7)  VALUE SPACES.
    03 EXPN6 PIC XXXX.
    03 FILLER PIC X(5)  VALUE SPACES.
    03 EXPN7 PIC XXXX.
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       03 FILLER PIC X(8)  VALUE SPACES.
       03 EXPN8 PIC XXXX.
       03 FILLER PIC X(6)  VALUE SPACES.
       03 EXPN9 PIC XXXX.
       03 FILLER PIC X(12) VALUE SPACES.
   01 MAIN-LINE.
       03 FILLER PIC X VALUE ' '.
       03 PANUM PIC XX VALUE SPACES.
       03 FILLER PIC X VALUE ' '.
       03 DISCR PIC X(12).
       03 FILLER PIC X(1) VALUE SPACES.
       03  CERT-SAL       PIC   ZZ,ZZZ,ZZZ.
       03 FILLER PIC X(5) VALUE SPACES.
       03 NCERT-SAL       PIC   ZZ,ZZZ,ZZZ.
       03 FILLER PIC X(6) VALUE SPACES.
       03 EMP-BEN         PIC    Z,ZZZ,ZZZ.
       03 FILLER PIC X(5) VALUE SPACES.
       03 SUP-EQP         PIC      ZZZ,ZZZ.
       03 FILLER PIC X(3) VALUE SPACES.
       03 MATRLS          PIC      ZZZ,ZZZ.
       03 FILLER PIC X(4) VALUE SPACES.
       03 REP-REPL        PIC      ZZZ,ZZZ.
       03 FILLER PIC X(2) VALUE SPACES.
       03 CAP-OUT         PIC      ZZZ,ZZZ.
       03 FILLER PIC X(5) VALUE SPACES.
       03 CCNT-SERV PIC ZZZ,ZZZ.
       03 FILLER PIC X(3) VALUE SPACES.
       03 OTHER-CCST      PIC      ZZZ,ZZZ.
       03 FILLER PIC X(1) VALUE SPACES.
       03 TCT-TOT         PIC   ZZ,ZZZ,ZZZ.
   01  PRONUMS.
       03   PRC1LC   PIC 99 VALUE ZEROS.
       03   PRC1HI   PIC 99 VALUE ZEROS.
       03   PRC2LC   PIC 99 VALUE ZEROS.
       03   PRC2HI   PIC 99 VALUE ZEROS.
   01  NUMSPRC REDEFINES PRONUMS.
       03   LCPRC1   PIC XX.
       03   HIPRC1   PIC XX.
       03   LCPRC2   PIC XX.
       03   HIPRC2   PIC XX.
   PROCEDURE CIVISION.
   STAMP-DATE.
       ENTER LINKAGE.
       CALL 'STAMP' USING DATES, ARG.
       ENTER COBOL.
       OPEN INPUT CONTROL-CARD.
       MOVE SPACES TC S-PROG-NAMES.
   READ-PROGRAM-AREA-NAMES.
       READ CCNTRCL-CARD AT END GO TO DONE.
       IF TCARD = ' ' GO TO READ-A-CARD.
       IF PCPRO NCT NUMERIC GO TO THRO-OUT-PRO.
       IF PCPRA NCT NUMERIC GC TO THRC-OUT-PRA.
       IF PCFUND = 'SP' GO TO LOAD-SP-TAB.
       IF NCSPRON   4 OR ) 1 GC TO THRO-OUT-PRO.
       IF NCPRA   60 OR ) 1 GC TO THRO-OUT-PRA.
       MOVE PCPRAWDS TO PRGM-AREA (NCSPRON, NCPRA).
       GC TO READ-PROGRAM-AREA-NAMES.
   READ-A-CARC.
       DISPLAY S-PROG-NAMES.
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     MOVE SPACES TO BUILDING-NAMES.
     MOVE ZEROS TO CHECKS.
     MOVE 0 TO SCHNUM.
     MOVE ZEROS TO TFUND.
     MOVE ZEROS TO TOT-CRSS, TOT-PRAS, TOT-PROS, TOT-ORGS,
     TOT-EXPS, TOT-LEVS, TOT-DISTS, TOT-SPROS.
     OPEN OUTPUT DLIST.
     OPEN INPUT UPD-FILE.
     IF INVALID-SWITCH = 1 GO TO ABEND-SOC1.
     ON 1
     GO TO CHECK-TYPE.
 READ-CARD-1.
     READ CONTROL-CARD AT END GO TO DONE.
 CHECK-TYPE.
     IF TYPE-CARD = 2 GO TO OPTIONS-CARD.
     IF CARD-TYPE =3 GO TO ITEM-CARD.
     ADD 1 TO SCHNUM.
     IF SCHNUM   50 GO TO READ-CARD-1.
     MOVE DIST-NAME TO DST-NAME.
     MOVE DIST OF CARD-1 TO DST-NUM.
     MOVE CORRESPONDING SCHOOL-SPECS TO INSCH (SCHNUM).
     GO TO READ-CARD-1.
 ITEM-CARD.
     MOVE AEXPS TO EXPENDITURES.
     MOVE CORRESPONDING EXPNO2 TO EL4-1.
     READ CONTROL-CARD AT END GO TO DONE.
     IF TYPE-CARD NOT = 2  GO TO BAD-EXP-CARDS.
     IF CITM       NOT = 1  GO TO BAD-EXP-CARDS.
 OPTIONS-CARD.
     ON 1
     ADD 1 TO SCHNUM.
     IF CPRO1 = '1 ' OR '2 ' OR '3 ' OR '4 '
         MOVE CPRO1 TO LOPRO1
         EXAMINE LOPRO1 REPLACING ALL ' ' BY ZEROS
         ADD 10 TO PRO1LO GIVING PRO1HI.
     IF CPRO2 = '1 ' OR '2 ' OR '3 ' OR '4 '
         MOVE CPRO2 TO LOPRO2
         EXAMINE LOPRO2 REPLACING ALL ' ' BY ZEROS
         ADD 10 TO PRO2LO GIVING PRO2HI.
     IF CPRA1 ) '01' OR   '60' MOVE 'ALL DEPTS ' TO TYPE-PA-1
     ELSE MOVE PRGM-AREA (NPRO1, NPRA1) TO TYPE-PA-1.
     WRITE PRINT-LINE FROM TOP-LINE-PAGE-1 AFTER ADVANCING
     CHANNEL-1.
     MOVE SPACES TO PRINT-LINE.
     IF CPRA2 ) '01' OR   '60' GO TO PRINT-PROGRAMS.
     MOVE PRGM-AREA (NPRO1, NPRA2) TO TYPE-PA-2.
     WRITE PRINT-LINE FROM PROG-AREA-LINE AFTER ADVANCING 1 LINES.
     MOVE SPACES TO PRINT-LINE.
     IF CPRA3 ) '01' OR   '60' GO TO PRINT-PROGRAMS.
     MOVE PRGM-AREA (NPRO1, NPRA3) TO TYPE-PA-2.
     WRITE PRINT-LINE FROM PROG-AREA-LINE AFTER ADVANCING 1 LINES.
     MOVE SPACES TO PRINT-LINE.
     IF CPRA4 ) '01' OR   '60' GO TO PRINT-PROGRAMS.
     MOVE PRGM-AREA (NPRO1, NPRA4) TO TYPE-PA-2.
     WRITE PRINT-LINE FROM PROG-AREA-LINE AFTER ADVANCING 1 LINES.
     MOVE SPACES TO PRINT-LINE.
 PRINT-PROGRAMS.
     DISPLAY BUILDING-NAMES.
     MOVE DATE TO DATT.
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    MOVE  CRUN  TO RUNS.
    MOVE  DST-NAME TO DNAME.
    WRITE PRINT-LINE FROM LINE-2-PAGE-1 AFTER ADVANCING 1 LINES.
    MOVE SPACES TO PRINT-LINE.
    IF CPRO1 ) '01' OR  '04' MOVE 'ALL PROGRAMS               ' TO
    TYPE-PR-1 ELSE MOVE L-P-NAM (NPRO1) TO TYPE-PR-1.
    WRITE PRINT-LINE FROM PROGRAM-HEADER AFTER ADVANCING 2 LINES.
    MOVE SPACES TO PRINT-LINE.
    ADD 1 TO SCHNUM.
    IF CPRA1 ) '01' OR   '60' MOVE 'ALL DEPTS ' TO TYPE-PA-1
    IF CPRO2 ) '01' OR   '04' GO TO PRINT-BUILDING.
    MOVE L-P-NAM (NPRO2) TO TYPE-PR-2.
    WRITE PRINT-LINE FROM PROGRAM-LINE AFTER ADVANCING 1 LINES.
    MOVE SPACES TO PRINT-LINE.
PRINT-BUILDING.
    IF CORG1 ) '100' OR  '499' MOVE 'ALL SCHOOLS               ' TO
    BUILD-NAME-1 ELSE MOVE CORG1 TO ORG-FIND, PERFORM
    TABLE-LOOK-UP THRU SCHOOL-FOUND, MOVE SCHOOL-NAME OF INSCH
    (I) TO BUILD-NAME-1.
    WRITE PRINT-LINE FROM BUILDING-HEADER AFTER ADVANCING 2 LINES.
    MOVE SPACES TO PRINT-LINE.
    IF CORG2 ) '100' OR   '499' GO TO PRINT-LEVELS.
                        MOVE CORG2 TO ORG-FIND, PERFORM
    TABLE-LOOK-UP THRU SCHOOL-FOUND, MOVE SCHOOL-NAME OF INSCH
    (I) TO BUILD-NAME-2.
    WRITE PRINT-LINE FROM BUILDING-LINE AFTER ADVANCING 1 LINES.
    MOVE SPACES TO PRINT-LINE.
    IF CORG3 ) '100' OR   '499' GO TO PRINT-LEVELS.
                        MOVE CORG3 TO ORG-FIND, PERFORM
    TABLE-LOOK-UP THRU SCHOOL-FOUND, MOVE SCHOOL-NAME OF INSCH
    (I) TO BUILD-NAME-2.
    WRITE PRINT-LINE FROM BUILDING-LINE AFTER ADVANCING 1 LINES.
    MOVE SPACES TO PRINT-LINE.
    IF CORG4 ) '100' OR   '499' GO TO PRINT-LEVELS.
                        MOVE CORG4 TO ORG-FIND, PERFORM
    TABLE-LOOK-UP THRU SCHOOL-FOUND, MOVE SCHOOL-NAME OF INSCH
    (I) TO BUILD-NAME-2.
    WRITE PRINT-LINE FROM BUILDING-LINE AFTER ADVANCING 1 LINES.
    MOVE SPACES TO PRINT-LINE.
PRINT-LEVELS.
    IF CORG1 ) '100' OR   '499'
    MOVE LEVEL1 TO TYPE-LEVEL-1,
    WRITE PRINT-LINE FROM LEVEL-HEADER AFTER ADVANCING 2 LINES,
    MOVE SPACES TO PRINT-LINE,
    MOVE LEVEL2 TO TYPE-LEVEL-2,
    WRITE PRINT-LINE FROM LEVEL-LINE AFTER ADVANCING 1 LINES,
    MOVE SPACES TO PRINT-LINE,
    MOVE LEVEL3 TO TYPE-LEVEL-2,
    WRITE PRINT-LINE FROM LEVEL-LINE AFTER ADVANCING 1 LINES,
    MOVE SPACES TO PRINT-LINE,
    GO TO AFTER-PAGE-1.
LEVEL-1-1.
    MOVE SCH-LEVEL (LEV1) TO TYPE-LEVEL-1.
    WRITE PRINT-LINE FROM LEVEL-HEADER AFTER ADVANCING 2 LINES.
    MOVE SPACES TO PRINT-LINE.
    MOVE LEV1 TO LEVNO.
    IF LEV1   2 GO TO AFTER-PAGE-1.
LEVEL-2-2.
    IF CORG2 NUMERIC AND LEV2   LEVNO
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    MOVE SCH-LEVEL (LEV2) TO TYPE-LEVEL-2,
    WRITE PRINT-LINE FROM LEVEL-LINE AFTER ADVANCING 1 LINES,
    MOVE LEV2 TO LEVNO,
    IF LEVNO   2 GO TO AFTER-PAGE-1.
    IF CORG3 NUMERIC AND LEV3   LEVNO
    MOVE SCH-LEVEL (LEV3) TO TYPE-LEVEL-2,
    WRITE PRINT-LINE FROM LEVEL-LINE AFTER ADVANCING 1 LINES,
    MOVE LEV3 TO LEVNO,
    IF LEVNO   2 GO TO AFTER-PAGE-1.
    IF CORG4 NUMERIC AND LEV4   LEVNO
    MOVE SCH-LEVEL (LEV4) TO TYPE-LEVEL-2,
    WRITE PRINT-LINE FROM LEVEL-LINE AFTER ADVANCING 1 LINES.
AFTER-PAGE-1.
    MOVE SPACES TO PRINT-LINE.
    IF CORG1      = 'ALL' MOVE 'DISTRICT     ' TO  LST
    ELSE
    IF CORG1      = 'LEV' MOVE 'LEVEL        ' TO  LST
    ELSE
    IF CORG-RANK = '03'  MOVE 'BUILDING     ' TO  LST
    ELSE
    IF CPRC-RANK = '03'  MOVE 'PROGRAM      ' TO  LST
    ELSE
    IF CPRA-RANK = '03'  MOVE 'DEPARTMENT   ' TO  LST.
    IF CORG-RANK = '01'  MOVE 'BUILDING     ' TO SECND ELSE
    IF CPRC-RANK = '01'  MOVE 'PROGRAM      ' TO SECND ELSE
    IF CPRA-RANK = '01'  MOVE 'DEPARTMENT   ' TO SECND ELSE
    IF CCRS-RANK = '01'  MOVE 'COURSE       ' TO SECND.
    IF CORG-RANK = '02'  MOVE 'BUILDING     ' TO PRIM  ELSE
    IF CPRC-RANK = '02'  MOVE 'PROGRAM      ' TO PRIM  ELSE
    IF CPRA-RANK = '02'  MOVE 'DEPARTMENT   ' TO PRIM  ELSE
    IF CCRS-RANK = '02'  MOVE 'COURSE       ' TO PRIM ELSE
                         MOVE 'EXPENDITURE ' TO PRIM .
    IF CORG-RANK = '02'
    MOVE SPACES TO PRIM,
    MOVE SPACES TO WTHIN,
    MOVE 'BUILDING     ' TO SECND,
    MOVE 'DISTRICT     ' TO LST.
    WRITE PRINT-LINE FROM LAST-LNE-P1  AFTER ADVANCING 2 LINES.
    MOVE SPACES TO PRINT-LINE.
    MOVE ' WITHIN ' TO WTHIN.
    MOVE 0 TO LEVNO.
    MOVE SPACES TO PRINT-LINE.
    IF CORG1 = 'ALL' MOVE 1 TO HEADER-TYPE ELSE
    IF CORG1 = 'LEV' MOVE 5 TO HEADER-TYPE ELSE
    IF CORG-RANK = 1 MOVE 2 TO HEADER-TYPE ELSE
    IF CPRC-RANK = 1 MOVE 3 TO HEADER-TYPE ELSE
                     MOVE 4 TO HEADER-TYPE.
    IF CITM = 1
      MOVE CORRESPONDING EXPNO2 TO EXP-LINE-1,
    WRITE PRINT-LINE FROM EXP-LINE AFTER ADVANCING 1 LINES.
    MOVE SPACES TO PRINT-LINE.
UPD-READ.
    READ UPD-FILE AT END GO TO LIST-DONE.
    IF BOTCCOD = '1' GO TO UPD-READ.
    MOVE 0 TO EXP-SWITCH.
    IF CITM NOT = 1 MOVE EXP1 TO EXP2 ELSE
    IF BOTEXP NOT = EXPNOS (EXP2) PERFORM FIND-EXPNO
    THRU END-FIND-EXPNO.
    IF EXP-SWITCH = 1 GO TO UPD-READ.
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    ADD 1 TO NEW-LIST ON SIZE ERROR MOVE 2 TO NEW-LIST.
    IF BOTPRA = '99' MOVE '00' TO BOTPRA.
TZ1.
    IF CORG1 IS NUMERIC AND
    BOTORG NOT = (CORG1 OR CORG2 OR CORG3 OR CORG4)
    SUBTRACT 1 FROM NEW-LIST,
    GO TO UPD-READ.
TZ1A.
    IF CPRO1 = '1 ' OR '2 ' OR '3 ' OR '4 ' NEXT SENTENCE
         ELSE GO TO TZ1B.
    IF BOTPRO NOT   LOPRO1 AND BOTPRO NOT ) HIPRO1
         SUBTRACT 1 FROM NEW-LIST GO TO UPD-READ.
TZ1B.
    IF CPRO2 = '1 ' OR '2 ' OR '3 ' OR '4 ' NEXT SENTENCE
         ELSE GO TO TZ2.
    IF BOTPRO NOT   LOPRO2 AND BOTPRO NOT ) HIPRO2
         SUBTRACT 1 FROM NEW-LIST GO TO UPD-READ.
TZ2.
    IF CPRO1 IS NUMERIC AND
    (BOTPRO NOT = (CPRO1 AND CPRO2))
    SUBTRACT 1 FROM NEW-LIST,
    GO TO UPD-READ.
TZ3.
    IF CPRA1 IS NUMERIC AND
    (BOTPRA NOT = (CPRA1 AND CPRA2 AND CPRA3 AND CPRA4))
    SUBTRACT 1 FROM NEW-LIST,
    GO TO UPD-READ.
TZ4.
    IF CCRS1 IS NUMERIC AND
    BOTCRS NOT = (CCRS1 OR CCRS2 OR CCRS3 OR CCRS4)
    SUBTRACT 1 FROM NEW-LIST,
    GO TO UPD-READ.
CHOOSE-LIST.
    IF NEW-LIST = 1
    MOVE BOTPRNAM TO PRANAME.
    IF CITM =  1  GO TO EXPENDITURE-LIST.
    IF CCRS-RANK = 2 GO TO COURSE-LIST.
    IF CPRA-RANK = 2 GO TO PROG-AREA-LIST.
    IF CPRO-RANK = 2 GO TO PROGRAM-LIST.
    IF CORG-RANK = 2 GO TO DIST-ORG-LIST.
    DISPLAY 'TYPE OF LIST NOT SPECIFIED. JOB TERMINATED.',
    GO TO DONE.
COURSE-LIST.
    IF NEW-LIST = 1
    MOVE BORG TO CHKLEV,
         MOVE BOTORG TO CHKORG,
         MOVE BOTPRO TO CHKPRO,
         MOVE BOTPRA TO CHKPRA,
         MOVE BOTCRS TO CHKCRS,
    MOVE BOTFUN TO SFUN,
    MOVE 4 TO K,
    MOVE 1 TO I,
        PERFORM FIND-SCHOOL THRU F-SCH-EX,
    PERFORM NEW-PAGE,
    GO TO ADD-COST.
    IF BORG      = CHKLEV GO TO ORG-CL.
    IF CORG1 = 'ALL' OR 'LEV'
                     PERFORM LEVEL-TOT THRU END-LEV.
  GO TO UPD-READ.
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ORG-CL.
    IF CORG-RANK = 0 GO TO PRO-CL.
    IF BCTORG = CHKORG GO TO PRO-CL.
    PERFORM ORG-TOT THRU END-ORG-EXIT.
    PERFORM RESET-ORG THRU RESET-CRS.
    GO TO UPD-READ.
PRO-CL.
    IF BPRO = PROBOT GO TO SPRO-CL.
    PERFORM PRO-TOT THRU END-PRO-EXIT.
    PERFORM RESET-PRO THRU RESET-CRS.
    GO TO UPD-READ.
SPRO-CL.
    IF BOTPRO = CHKPRO GO TO PRA-CL.
    PERFORM SPRO-TOT THRU END-SPRO-EXIT.
    PERFORM RESET-PRO THRU RESET-CRS.
    GO TO UPD-READ.
PRA-CL.
    IF BCTPRA = CHKPRA GO TO CRS-CL.
    PERFORM PRA-TOT THRU END-PRA-EXIT.
    PERFORM RESET-PRA THRU RESET-CRS.
    GO TO UPD-READ.
CRS-CL.
    IF BCTCRS NOT = CHKCRS GO TO CRS-TOT.
ADD-COST.
    ADD CTCOST TO TCRS (EXP2).
    GO TO UPD-READ.
ORG-TOT.
    PERFORM PRO-TOT THRU END-PRO-EXIT.
    IF CORG-RANK = 0 GO TO END-ORG.
ORG-TOT-REV.
    COMPUTE TORG (10) = TORG (1) + TORG (2) + TORG (3).
    COMPUTE TORG (11) = TORG (4) + TORG (5) + TORG (6) +
                        TORG (7) + TORG (8) + TORG (9).
    COMPUTE TORG (12) = TORG (11) + TORG (10).
    MOVE CORRESPONDING TOT-ORGS TO MAIN-LINE.
    MOVE CHKORG TO BLD2.
    MOVE BUILDING TO DISCR.
    IF TORG (12)   0
    MOVE 5 TO PLEV,
    WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
    MOVE SPACES TO PRINT-LINE, MAIN-LINE.
END-ORG.
    PERFORM ADD-ORG-TOTS VARYING I FROM 1 BY 1 UNTIL I = 10.
    MOVE SPACES TO WSCHOOL-NAME OF WS.
    MOVE 1 TO I.
    PERFORM FIND-SCHOOL THRU F-SCH-EX.
    MOVE BCTORG TO CHKORG.
    MOVE ZEROS TO TOT-ORGS.
END-ORG-EXIT. EXIT.
PRO-TOT.
    PERFORM SPRO-TOT THRU END-SPRO-EXIT.
    IF CPRO-RANK = 0 GO TO END-PRO.
PRO-TOT-REV.
    MOVE PROGNAM (PROBOT) TO PROGRAMS.
    COMPUTE TPRO (10) = TPRO (1) + TPRO (2) + TPRO (3).
    COMPUTE TPRO (11) = TPRO (4) + TPRO (5) + TPRO (6) +
                        TPRO (7) + TPRO (8) + TPRO (9).
    COMPUTE TPRO (12) = TPRO (11) + TPRO (10).
    IF PLEV   4 AND TPRO (12)   0 PERFORM NEW-PAGE.
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           MOVE CORRESPONDING TOT-PROS TO MAIN-LINE.
           MOVE PROGRAMS TO DISCR.
           IF TPRO (12)   0
           MOVE 4 TO PLEV,
           WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
           MOVE SPACES TO PRINT-LINE, MAIN-LINE.
       END-PRO.
           PERFORM ADD-PRO-TOTS VARYING I FROM 1 BY 1 UNTIL I = 10.
           MOVE BCTPRO TO CHKPRO.
           MOVE ZEROS TO TOT-PROS.
       END-PRO-EXIT. EXIT.
       ADD-PRO-TOTS.
           ADD TPRO (I) TO TORG (I).
       SPRO-TOT.
           PERFORM PRA-TOT THRU END-PRA-EXIT.
           IF CPRO-RANK = 0 GO TO END-SPRO.
       SPRO-TOT-REV.
           COMPUTE SPROBOT = (PROSCHK - 9).
           MOVE S-PROG (SPROBOT) TO SPROGRAMS.
           DISPLAY SPROBOT, '  ', PROSCHK, '  ', SPROGRAMS,
               '  ', S-PROG (SPROBOT).
           COMPUTE TSPRO (10) = TSPRO (1) + TSPRO (2) + TSPRO (3).
           COMPUTE TSPRO (11) = TSPRO (4) + TSPRO (5) + TSPRO (6) +
                               TSPRO (7) + TSPRO (8) + TSPRO (9).
           COMPUTE TSPRO (12) = TSPRO (11) + TSPRO (10).
           IF PLEV   3 AND TSPRO (12)   0 PERFORM NEW-PAGE.
           MOVE CORRESPONDING TOT-SPROS TO MAIN-LINE.
           MOVE SPROGRAMS TO DISCR.
           IF TSPRO (12)   0
           MOVE 3 TO PLEV,
           WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
           MOVE SPACES TO PRINT-LINE, MAIN-LINE.
       END-SPRO.
           PERFORM ADD-SPRO-TOTS VARYING I FROM 1 BY 1 UNTIL I = 10.
           MOVE ZEROS TO TOT-SPROS.
       END-SPRO-EXIT. EXIT.
       ADD-SPRO-TOTS.
           ADD TSPRO (I) TO TPRO (I).
       PRA-TOT.
           PERFORM CRS-TOT THRU END-CRS-EXIT.
           IF CPRA-RANK = 0 GO TO END-PRA.
       PRA-TOT-REV.
           COMPUTE TPRA (10) = TPRA (1) + TPRA (2) + TPRA (3).
           COMPUTE TPRA (11) = TPRA (4) + TPRA (5) + TPRA (6) +
                               TPRA (7) + TPRA (8) + TPRA (9).
           COMPUTE TPRA (12) = TPRA (11) + TPRA (10).
           IF PLEV   2 AND TPRA (12)   0 PERFORM NEW-PAGE.
           MOVE CORRESPONDING TOT-PRAS TO MAIN-LINE.
           MOVE PRANAME  TO DISCR.
           IF CPRA1 NUMERIC
           MOVE SPACES TO PANUM ELSE
           MOVE CHKPRA TO PANUM.
           IF TPRA (12)   0
           MOVE 2 TO PLEV,
           WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
           MOVE SPACES TO PRINT-LINE, MAIN-LINE.
       END-PRA.
           PERFORM ADD-PRA-TOTS VARYING I FROM 1 BY 1 UNTIL I = 10.
           MOVE BCTPRA TO CHKPRA.
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          MOVE BCTPRNAM TO PRANAME.
          MOVE ZEROS TO TOT-PRAS.
      END-PRA-EXIT. EXIT.
      ADD-PRA-TOTS.
          ADD TPRA (I) TO TSPRO (I).
      CRS-TOT.
          IF CCRS-RANK = 0 GO TO END-CRS.
      CRS-TOT-REV.
          COMPUTE TCRS (10) = TCRS (1) + TCRS (2) + TCRS (3).
          COMPUTE TCRS (11) = TCRS (4) + TCRS (5) + TCRS (6) +
                              TCRS (7) + TCRS (8) + TCRS (9).
          COMPUTE TCRS (12) = TCRS (11) + TCRS (10).
          IF PLEV   1 AND TCRS (12)   0 PERFORM NEW-PAGE.
          MOVE CORRESPONDING TOT-CRSS TO MAIN-LINE.
          MOVE CHKCRS     TO DISCR.
          IF TCRS (12)   0
          MOVE 1 TO PLEV,
          WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
          MOVE SPACES TO PRINT-LINE, MAIN-LINE.
          IF TCRS (12)   0
          ADD 1 TO NUM-LINES.
          IF NUM-LINES   22 PERFORM NEW-PAGE.
      END-CRS.
          PERFORM ADD-CRS-TOTS VARYING I FROM 1 BY 1 UNTIL I = 10.
          MOVE BCTCRS TO CHKCRS.
          MOVE ZEROS TO TOT-CRSS.
          ADD CTCOST TO TCRS (EXP2).
      END-CRS-EXIT. EXIT.
      END-CRS-TOTS.
          GO TO UPD-READ.
      ADD-CRS-TOTS.
          ADD TCRS (I) TO TPRA (I).
      EXPENDITURE-LIST.
          IF NEW-LIST = 1
          MOVE BCRG TO CHKLEV,
                MOVE BOTCRG TO CHKORG,
                MOVE BOTPRO TO CHKPRO,
                MOVE BOTPRA TO CHKPRA,
                MOVE BOTCRS TO CHKCRS,
          MOVE BCTEXP TO CHKEXP,
          MOVE BCTFUN TO SFUN,
          PERFORM CHECK-LIST-TYPE,
          MOVE 1 TO I,
              PERFORM FIND-SCHOOL THRU F-SCH-EX,
          PERFORM NEW-PAGE,
          GO TO LIST-EXPENDITURES.
          IF BORG      = CHKLEV GO TO ORG-EL.
                          PERFORM LEVEL-TOT THRU END-LEV.
          MOVE 0 TO TCRS (EXP2).
        GO TO UPD-READ.
      ORG-EL.
          IF BCTCRG = CHKORG GO TO PRO-EL.
          PERFORM ORG-TOT THRU END-ORG.
          PERFORM RESET-ORG THRU RESET-CRS.
          MOVE 0 TO TCRS (EXP2).
          MOVE ZEROS TO TOT-EXPS.
          IF CORG-RANK NOT = 2
          GO TO LIST-EXPENDITURES ELSE
          ADD 1 TO NUM-LINES.
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           IF NUM-LINES   22 PERFORM NEW-PAGE.
           GO TO LIST-EXPENDITURES.
       PRO-EL.
           IF BPRO = PROBOT GO TO SPRO-EL.
           PERFORM PRO-TOT THRU END-PRO-EXIT.
           PERFORM RESET-PRO THRU RESET-CRS.
           MOVE 0 TO TCRS (EXP2).
           MOVE ZEROS TO TOT-EXPS.
           IF CPRO-RANK NOT = 2
           GO TO LIST-EXPENDITURES ELSE
           ADD 1 TO NUM-LINES.
           IF NUM-LINES   22 PERFORM NEW-PAGE.
           GO TO LIST-EXPENDITURES.
       SPRO-EL.
           IF BOTPRO = CHKPRO GO TO PRA-EL.
           PERFORM SPRO-TOT THRU END-SPRO-EXIT.
           PERFORM RESET-PRO THRU RESET-CRS.
           MOVE 0 TO TCRS (EXP2).
           MOVE ZEROS TO TOT-EXPS.
           IF CPRO-RANK NOT = 2
           GO TO LIST-EXPENDITURES ELSE
           ADD 1 TO NUM-LINES.
           IF NUM-LINES   22 PERFORM NEW-PAGE.
           GO TO LIST-EXPENDITURES.
       PRA-EL.
           IF BOTPRA = CHKPRA GO TO CRS-EL.
           PERFORM PRA-TOT THRU END-PRA-EXIT.
           PERFORM RESET-PRA THRU RESET-CRS.
           MOVE 0 TO TCRS (EXP2).
           MOVE ZEROS TO TOT-EXPS.
           IF CPRO-RANK NOT = 2
           GO TO LIST-EXPENDITURES ELSE
           ADD 1 TO NUM-LINES.
           IF NUM-LINES   22 PERFORM NEW-PAGE.
           GO TO LIST-EXPENDITURES.
       CRS-EL.
           IF BOTCRS = CHKCRS GO TO LIST-EXPENDITURES.
           PERFORM CRS-TOT THRU END-CRS-EXIT.

           MOVE 0 TO TCRS (EXP2).
           MOVE ZEROS TO TOT-EXPS.
       LIST-EXPENDITURES.
           ADD  OICOST TO TCRS (EXP2).
           GO TO UPD-READ.
       CHECK-LIST-TYPE.
           IF CCRS-RANK  = 2 MOVE 4 TO K ELSE
           IF CPRA-RANK  = 2 MOVE 3 TO K ELSE
           IF CPRO-RANK  = 2 MOVE 2 TO K ELSE
           IF CORG-RANK  = 2 MOVE 1 TO K.
       FIND-EXPNO.
           PERFORM EXP-LOOK-UP VARYING I FROM 1 BY 1 UNTIL I = 10.
           MOVE 1 TO EXP-SWITCH.
       END-FIND-EXPNO.
           IF EXP-SWITCH NOT = 1
           MOVE I TO EXP2.
       EXP-LOOK-UP.
           IF BOTEXP = EXPNOS (I) GO TO END-FIND-EXPNO.
       NEW-PAGE.
           IF HEADER-TYPE = 4 MOVE BOTPRNAM TO TLPRA,
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           MOVE PA TO TL2,
           ELSE IF HEADER-TYPE = 3 MOVE L-P-NAM (BPRO) TO TLPRO,
           MOVE PG TO TL2,
           ELSE IF HEADER-TYPE = 2 MOVE WSCHOOL-NAME OF WS TO TLORGN,
           MOVE ORGN TO TL2,
           ELSE
           IF HEADER-TYPE = 5 MOVE SCH-LEVEL (CHKLEV) TO TLLVL,
           MOVE LVL TO TL2,
           ELSE MOVE DST-NAME TO TLDIST,
           MOVE DSTRT TO TL2.
           WRITE PRINT-LINE FROM TOP-LINE-PA AFTER ADVANCING CHANNEL-1.
           MOVE SPACES TO PRINT-LINE.
           IF CPRA-RANK = 1
           MOVE PRANAME TO TLPRA,
           MOVE PA TO PA-TYPE
           ELSE MOVE SPACES TO PA-TYPE.
           WRITE PRINT-LINE FROM LAST-LNE-P1  AFTER ADVANCING 1 LINES.
           MOVE SPACES TO PRINT-LINE.
           ADD 1 TO PAGES.
           MOVE PAGES TO PRINT-PAGE.
           MOVE DATE TO DAIT.
           MOVE CORRESPONDING WS TO LN2.
           MOVE CRUN TO WPCRUN OF LN2.
           WRITE PRINT-LINE FROM LINE-2       AFTER ADVANCING 1 LINES.
           MOVE SPACES TO PRINT-LINE.
           IF CITM = 1
           WRITE PRINT-LINE FROM EXP-LINE-3  AFTER ADVANCING 1 LINES,
           MOVE SPACES TO PRINT-LINE,
           MOVE LIST-TYPE (K)            TO TPE,
           WRITE PRINT-LINE FROM EXP-LINE-4  AFTER ADVANCING 1 LINES,
           MOVE SPACES TO PRINT-LINE,
           MOVE 0 TO NUM-LINES
           ELSE
           WRITE PRINT-LINE FROM LINE-3       AFTER ADVANCING 1 LINES,
           MOVE SPACES TO PRINT-LINE,
           MOVE LIST-TYPE (K)            TO TIPE,
           WRITE PRINT-LINE FROM LINE-4       AFTER ADVANCING 1 LINES,
           MOVE SPACES TO PRINT-LINE,
           MOVE 0 TO NUM-LINES.
       PROG-AREA-LIST.
           IF NEW-LIST = 1
           MOVE BORG TO CHKLEV,
                MOVE BOTORG TO CHKORG,
                MOVE BOTPRO TO CHKPRO,
                MOVE BOTPRA TO CHKPRA,
           MOVE BOTFUN TO SFUN,
           MOVE 3 TO K,
           MOVE 1 TO I,
               PERFORM FIND-SCHOOL THRU F-SCH-EX,
           PERFORM NEW-PAGE,
           GO TO ADD-COST-PA.
           IF BORG     = CHKLEV GO TO ORG-PAL.
                         PERFORM LEVEL-TOT THRU END-LEV.
         GO TO UPD-READ.
       ORG-PAL.
           IF BOTORG = CHKORG GO TO PRO-PAL.
           PERFORM ORG-TOT THRU END-ORG.
           PERFORM RESET-ORG THRU RESET-CRS.
           GO TO UPD-READ.
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PRO-PAL.
     IF BPRC = PROBOT GO TO SPRO-PAL.
     PERFORM PRO-TOT THRU END-PRO.
     PERFORM RESET-PRO THRU RESET-CRS.
     GO TO UPD-READ.
SPRO-PAL.
     IF BOTPRO = CHKPRO GO TO PRA-PAL.
     PERFORM SPRO-TOT THRU END-SPRO.
     PERFORM RESET-PRO THRU RESET-CRS.
     ADD 1 TO NUM-LINES.
     IF NUM-LINES   22 PERFORM NEW-PAGE.
     GO TO UPD-READ.
PRA-PAL.
     IF BOTPRA = CHKPRA GO TO ADD-COST-PA.
     PERFORM PRA-TOT THRU END-PRA.
     PERFORM RESET-PRA THRU RESET-CRS.
     ADD 1 TO NUM-LINES.
     IF NUM-LINES   22 PERFORM NEW-PAGE.
     GO TO UPD-READ.
ADD-COST-PA.
     ADD  CTCOST TO TCRS (EXP2).
     GO TO UPD-READ.
PROGRAM-LIST.
     IF NEW-LIST = 1
     MOVE BORG TO CHKLEV,
          MOVE BOTORG TO CHKORG, MOVE BOTPRO TO CHKPRO,
     MOVE BOTFUN TO SFUN,
     MOVE 2 TO K,
     MOVE 1 TO I,
         PERFORM FIND-SCHOOL THRU F-SCH-EX,
     PERFORM NEW-PAGE, GO TO ADD-COST-PRO.
     IF BORG      = CHKLEV GO TO ORG-PRL.
                    PERFORM LEVEL-TOT THRU END-LEV.
  GO TO UPD-READ.
ORG-PRL.
     IF BOTORG = CHKORG GO TO PRO-PRL.
     PERFORM ORG-TOT THRU END-ORG.
     PERFORM RESET-ORG THRU RESET-CRS.
     GO TO UPD-READ.
PRO-PRL.
     IF BPRC = PROBOT GO TO SPRO-PRL.
     PERFORM PRO-TOT THRU END-PRO.
     PERFORM RESET-PRO THRU RESET-CRS.
     ADD 1 TO NUM-LINES.
     IF NUM-LINES   22 PERFORM NEW-PAGE.
     GO TO UPD-READ.
SPRO-PRL.
     IF BOTPRO = CHKPRO GO TO ADD-COST-PRO.
     PERFORM SPRO-TOT THRU END-SPRO.
     PERFORM RESET-PRO THRU RESET-CRS.
     ADD 1 TO NUM-LINES.
     IF NUM-LINES   22 PERFORM NEW-PAGE.
     GO TO UPD-READ.
ADD-COST-PRO.
     ADD  CTCOST TO TCRS (EXP2).
     GO TO UPD-READ.
DIST-ORG-LIST.
     IF NEW-LIST = 1
          MOVE BOTORG TO CHKORG, MOVE BORG TO CHKLEV,
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         MOVE BOTFUN TO SFUN,
         MOVE 1 TO K,
         MOVE 1 TO I,
              PERFORM FIND-SCHOOL THRU F-SCH-EX,
         PERFORM NEW-PAGE,
         GO TO ADD-COST-ORG.
         IF BORG NOT = CHKLEV GO TO LEVEL-TOT.
         IF BOTORG = CHKORG GO TO ADD-COST-ORG.
         PERFORM ORG-TOT THRU END-ORG.
         PERFORM ADD-ORG-TOTS VARYING I FROM 1 BY 1 UNTIL I = 10.
         ADD 1 TO NUM-LINES.
         IF NUM-LINES   22 PERFORM NEW-PAGE.
         GO TO UPD-READ.
     ADD-COST-ORG.
         ADD  OTCOST TO TORS (EXP2).
         GO TO UPD-READ.
     ADD-ORG-TOTS.
         ADD TORG (I) TO TLEV (I).
     LEVEL-TOT.
         PERFORM ORG-TOT THRU END-ORG.
         IF CORG1 NOT = 'LEV' AND 'ALL' GO TO END-LEV.
         COMPUTE TLEV (10) = TLEV (1) + TLEV (2) + TLEV (3).
         COMPUTE TLEV (11) = TLEV (4) + TLEV (5) + TLEV (6) +
                             TLEV (7) + TLEV (8) + TLEV (9).
         COMPUTE TLEV (12) = TLEV (10) + TLEV (11).
         MOVE CORRESPONDING TOT-LEVS TO MAIN-LINE.
         MOVE SCH-LEVEL (CHKLEV) TO DISCR.
         WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
         MOVE SPACES TO PRINT-LINE, MAIN-LINE.
     END-LEV.
         MOVE BORG TO CHKLEV.
         PERFORM ADD-LEV-TOTS VARYING I FROM 1 BY 1 UNTIL I = 10.
         IF BOTFUN NOT = FUNS
           PERFORM FUND-TOT.
         MOVE ZEROS TO TOT-LEVS.
     END-LEV-TOTS.
         GO TO UPD-READ.
     ADD-LEV-TOTS.
         ADD TLEV (I) TO TDIST (I).
         ADD TLEV (I) TO TFUN (SFUN, I), TFUN (SFUN, 12).
     DISTRICT-TOTALS.
         PERFORM LEVEL-TOT THRU END-LEV.
         PERFORM FUND-TOT.
         COMPUTE TDIST (10) = TDIST (1) + TDIST(2) + TDIST (3).
         COMPUTE TDIST (11) = TDIST (4) + TDIST(5) + TDIST (6) +
                              TDIST (7) + TDIST(8) + TDIST (9).
         COMPUTE TDIST (12) = TDIST (10) + TDIST (11).
         MOVE CORRESPONDING TOT-DISTS TO MAIN-LINE.
         MOVE DST-NUM TO DISTR2.
         MOVE DISTR-DISCR TO DISCR.
         WRITE PRINT-LINE FROM  MAIN-LINE AFTER ADVANCING 2 LINES.
         MOVE SPACES TO PRINT-LINE, MAIN-LINE.
         MOVE ZEROS TO TOT-DISTS.
     LIST-DONE.
         IF CORG1 = 'LEV' PERFORM LEVEL-TOT THRU END-LEV.
         IF CORG1 = 'ALL' PERFORM DISTRICT-TOTALS.
         PERFORM NEW-PAGE.
         PERFORM FINAL-FUNDS VARYING I FROM 1 BY 1 UNTIL I = BOTFUN.
     FINAL-FUNDS.
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     IF TFUN (I, 12) NOT = ZEROS
     MOVE I     TO FNUMBER,
     MOVE FUND-TITL TO DISCR,
     MOVE FUNT (I)     TO FNT2,
     MOVE CORRESPONDING FNT2 TO MAIN-LINE,
     WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
     MOVE SPACES TO PRINT-LINE.
     MOVE ZEROS TO FUNDT (I).
 END-FUND-LIST.
     CLOSE UPD-FILE.
     READ CONTROL-CARD AT END GO TO DONE.
     MOVE ZEROS TO CHECKS.
     MOVE 0 TO          PAGES, EXPNO, I, J, K, LEVNO.
     MOVE SPACES TO PA-TYPE, PRANAME, PROGRAMS, ORG-FIND.
     MOVE ZEROS TO TOT-CRSS, TOT-PROS, TOT-PRAS, TOT-ORGS,
     TOT-EXPS, TOT-LEVS, TOT-DISTS.
     MOVE ZEROS TO TFUND.
     MOVE 0 TO PLEV.
     MOVE 0 TO NEW-LIST.
     OPEN INPUT UPD-FILE.
     IF CARD-TYPE = 3 GO TO ITEM-CARD ELSE
     GO TO OPTIONS-CARD.
 TABLE-LOOK-UP.
     PERFORM LOOK-UP VARYING I FROM 1 BY 1 UNTIL I = 51.
     DISPLAY 'SCHOOL NUMBER ', ORG-FIND, ' NOT IN INPUT DECK. JOB
-    'TERMINATED.'.
     MOVE ORG-FIND TO I.
 LOOK-UP.
     IF ORG-FIND = SCHOOLNO OF INSCH (I) GO TO SCHOOL-FOUND.
 SCHOOL-FOUND.
     MOVE SPACES TO ORG-FIND.
 THRO-OUT-PRO.
     DISPLAY 'INVALID PROGRAM NUMBER IN PROGRAM AREA INPUT DECK'.
     DISPLAY 'INPUT CARD IS ', CARD-O.
     MOVE 1 TO INVALID-SWITCH.
     GO TO READ-PROGRAM-AREA-NAMES.
 THRO-OUT-SPRO.
     DISPLAY 'INVALID SUB-PROG CARD  ', CARD-O.
     MOVE 1 TO INVALID-SWITCH.
     GO TO READ-PROGRAM-AREA-NAMES.
 THRO-OUT-PRA.
     DISPLAY 'INVALID PROGRAM AREA NUMBER IN CARD INPUT  DECK'.
     DISPLAY 'INPUT CARD IS ', CARD-O.
     MOVE 1 TO INVALID-SWITCH.
     GO TO READ-PROGRAM-AREA-NAMES.
 FIND-SCHOOL.
     IF I   50 PERFORM DUM-S-MOVE MOVE 1 TO I GO TO F-SCH-EX.
     IF BOTORG = SCHOOLNO OF INSCH (I)
          MOVE SCHOOLNO OF INSCH (I) TO WSCHOOLNO OF WS,
          MOVE DIST OF INSCH (I) TO WDIST OF WS,
          MOVE SCHOOL-NAME OF INSCH (I) TO
            WSCHOOL-NAME OF WS, GO TO F-SCH-EX.
     IF BOTORG   SCHOOLNO OF INSCH (I) ADD 1 TO I,
          GO TO FIND-SCHOOL.
     IF BOTORG ) SCHOOLNO OF INSCH (I)
          MOVE 1 TO I PERFORM DUM-S-MOVE GO TO F-SCH-EX.
     IF SCHOOLNO OF INSCH (I) IS NOT NUMERIC
          PERFORM DUM-S-MOVE MOVE 1 TO I GO TO F-SCH-EX.
 F-SCH-EX. EXIT.
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BAD-EXP-CARDS.
    DISPLAY ' BAD PARAMETER CARD FOR EXPENDITURE RUN'.
    GO TO CONE.
FUND-TOT.
    IF CFUND = '1'
    MOVE SFUN TO FNUMBER,
    MOVE FUND-TITL TO DISCR,
    MOVE FUNT (SFUN) TO FNT2,
    MOVE CORRESPONDING FNT2 TO MAIN-LINE,
    IF TOT-TOT OF FNT2   0
    WRITE PRINT-LINE FROM MAIN-LINE AFTER ADVANCING 2 LINES.
      MOVE SPACES TO PRINT-LINE,
      MOVE BCTFUN TO FUNS.
ABEND-SOC1.
    DISPLAY 'PROGRAM WILL BE TERMINATED WITH AN SOC1 BECAUSE OF E
-   'RRORS IN THE PROGRAM AREA DECK'.
DONE.
    CLOSE CLIST.
    CLOSE            CONTROL-CARD.
    STOP RUN.
DUM-S-MOVE.
    MOVE '***SCHOOL NO NAME***    ' TO WSCHOOL-NAME OF WS.
    MOVE '9999' TO WDIST OF WS.
    MOVE BCTORG TO WSCHOOLNO OF WS.
RESET-ORG.
    MOVE BCTORG TO CHKORG.
RESET-PRO.
    MOVE BCTPRO TO CHKPRO.
RESET-PRA.
    MOVE BCTPRA TO CHKPRA.
RESET-CRS.
    MOVE BCTCRS TO CHKCRS.
LOAD-SP-TAB.
    IF PCPRO ) '10' OR PCPRO   '49' GO TO THRO-OUT-SPRO.
    SUBTRACT 9 FROM NCPRO GIVING WSPRO.
    MOVE SPROW TO S-PROG (WSPRO).
    GO TO READ-PROGRAM-AREA-NAMES.
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IDENTIFICATION DIVISION.                                                FIBUDCUP
PROGRAM-ID. FIBUDCUP.
AUTHOR. AL MARSH.                                                       FIBUDCUP
DATE WRITTEN. JULY 10, 1971.                                            FIBUDCUP
ENVIRONMENT DIVISION.                                                   FIBUDCUP
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-360-H65.                                           FIBUDCUP
OBJECT-COMPUTER. IBM-360-H65.                                           FIBUDCUP
INPUT-OUTPUT SECTION.                                                   FIBUDCUP
FILE-CONTROL.                                                           FIBUDCUP
    SELECT BUDREC ASSIGN TO UT-S-BUDREC.
    SELECT ILIST ASSIGN TO UT-S-ILIST.
    SELECT DLIST ASSIGN TO UT-S-DLIST.
    SELECT BUDRECIN ASSIGN TO UT-S-INBUD.
    SELECT BUDRECOT ASSIGN TO UT-S-OTBUD.
    SELECT PCARD ASSIGN TO UR-S-PCARD.
DATA DIVISION.
FILE SECTION.
FD  BUDREC                                                              FIBUDCUP
    LABEL RECORD IS STANDARD                                            FIBUDCUP
    BLOCK CONTAINS 91 RECORDS                                           FIBUDCUP
    RECORDING MODE IS F                                                 FIBUDCUP
    DATA RECORD IS INREC.                                               FIBUDCUP
01  INREC.                                                              FIBUDCUP
    03  ACCODE.                                                         FIBUDCUP
      04 INPORT.                                                        FIBUDCUP
        05  ACYR     PIC  XX.                                           FIBUDCUP
        05  ACFU     PIC  XX.                                           FIBUDCUP
        05  ACORG    PIC  XXX.                                          FIBUDCUP
        05  ACPRO.
            07  ACPROC  PIC X.
            07  ACSPRO  PIC X.
        05  ACPRA    PIC  XX.                                           FIBUDCUP
        05  ACCRS    PIC  XXX.                                          FIBUDCUP
        05  ACEXP    PIC  XXXX.                                         FIBUDCUP
      04    ACSEQ    PIC  XXX.                                          FIBUDCUP
    03  CODAC REDEFINES ACCODE.                                         FIBUDCUP
        05  YRAC     PIC  99.                                           FIBUDCUP
        05  FUAC     PIC  99.                                           FIBUDCUP
        05  ORGAC    PIC  999.                                          FIBUDCUP
        05  PRCAC    PIC  99.                                           FIBUDCUP
        05  PRAAC    PIC  99.                                           FIBUDCUP
        05  CRSAC    PIC  999.                                          FIBUDCUP
        05  EXPAC    PIC  9999.                                         FIBUDCUP
        05  SEGAC    PIC  999.                                          FIBUDCUP
    03  ADESC.                                                          FIBUDCUP
        05  FILLER     PIC X.                                           FIBUDCUP
        05  ATCHID   PIC XXX.
        05  ATCHR.                                                      FIBUDCUP
            07  ATLAST  PIC  X(12).                                     FIBUDCUP
            07  ATINIT  PIC  X.                                         FIBUDCUP
        05  ACRS     PIC  X(12).                                        FIBUDCUP
        05  ADPT     PIC X.                                             FIBUDCUP
        05  ASAL     PIC X(7).                                          FIBUDCUP
        05  SALA REDEFINES ASAL PIC 99999V99.                           FIBUDCUP
        05  AFC      PIC X(7).
        05  AQUANT.                                                     FIBUDCUP
            07  APCT     PIC X(6).
            07  PCTA REDEFINES APCT PIC 9999V99.
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          05  ACCST    PIC X(8).
          05  COSTA REDEFINES ACOST PIC 9(6)V99.
      03  BDESC REDEFINES ADESC.                                        FIBUDCUP
          05  BPCS      PIC  XXXX.                                      FIBUDCUP
          05  BNAM      PIC  X(17).
          05  BSAL      PIC  X(7).                                      FIBUDCUP
          05  SALB REDEFINES BSAL PIC  99999V99.
          05  BSALBRK.                                                  FIBUDCUP
              07  BCOLHR  PIC 99V99.                                    FIBUDCUP
              07  DCLHRB REDEFINES BCOLHR PIC XXXX.
              07  BHRSDA  PIC 9V9.                                      FIBUDCUP
              07  HRSDAB REDEFINES BHRSDA PIC XX.
              07  BDAYYR  PIC 999.                                      FIBUDCUP
              07  DAYYRB REDEFINES BDAYYR PIC XXX.
          05  BFC     PIC X(7).
          05  BPCT     PIC X(6).
          05  PCTB REDEFINES BPCT  PIC 9999V99.
          05  BCOST    PIC X(8).
          05  COSTB REDEFINES BCOST PIC 9(6)V99.
      03  CDESC REDEFINES BDESC.                                        FIBUDCUP
          05  CDESCR   PIC  X(44).                                      FIBUDCUP
          05  CPCT     PIC  X(6).
          05  PCTC REDEFINES CPCT PIC    9999V99.
          05  CCCST    PIC X(8).
          05  COSTC REDEFINES CCOST PIC 9(6)V99.
      03  DDESC REDEFINES CDESC.                                        FIBUDCUP
          05  DVNO     PIC  XXXX.                                       FIBUDCUP
          05  DDES     PIC  X(26).
          05  DFC     PIC X(7).
          05  DCAT     PIC  X(6).
          05  DQUANT.                                                   FIBUDCUP
              07  DPCT    PIC XXX.
              07  DQUAN PIC XXXX.                                       FIBUDCUP
              07  QUAND REDEFINES DQUAN  PIC 9999.
          05  DCCST    PIC X(8).
          05  COSTD REDEFINES DCOST PIC 9(6)V99.
      03  EDESC REDEFINES DDESC.                                        FIBUDCUP
          05  EPNO     PIC XXXX.                                        FIBUDCUP
          05  EAUTH    PIC X(12).
          05  ETITL    PIC X(20).
          05  EFC     PIC X(7).
          05  EPCT    PIC XXX.
          05  EQUAN    PIC XXXX.                                        FIBUDCUP
          05  ECCST    PIC X(8).
          05  COSTE REDEFINES ECOST PIC 9(6)V99.
      03  ACCDE    PIC X.                                               FIBUDCUP
      03  CODEA    REDEFINES ACODE PICTURE 9.                           FIBUDCUP
  FD  ILIST                                                             FIBUDCUP
      LABEL RECORD IS OMITTED                                           FIBUDCUP
      RECORDING MODE IS F                                               FIBUDCUP
      RECORD CONTAINS 133 CHARACTERS                                    FIBUDCUP
      DATA RECORD IS ITLIST.                                            FIBUDCUP
  01  ITLIST.                                                           FIBUDCUP
      03  FILLER  PIC X.                                                FIBUDCUP
      03  ITFIL   PIC X(132).                                           FIBUDCUP
  FD  OLIST                                                             FIBUDCUP
      LABEL RECORD IS OMITTED                                           FIBUDCUP
      RECORDING MODE IS F                                               FIBUDCUP
      RECORD CONTAINS 133 CHARACTERS                                    FIBUDCUP
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    DATA RECORD IS DELIST.                                             FIBUDCUP
 01 DELIST.                                                            FIBUDCUP
    03 FILLER  PIC X.                                                  FIBUDCUP
    03 DEFIL   PIC X(132).                                             FIBUDCUP
 FD BUDRECIN                                                           FIBUDCUP
    LABEL RECORD IS STANDARD                                           FIBUDCUP
    RECORDING MODE IS F                                                FIBUDCUP
    RECORD CONTAINS 121 CHARACTERS
    BLOCK CONTAINS 60 RECORDS                                          FIBUDCUP
    DATA RECORD IS BRECIN.                                             FIBUDCUP
 01 BRECIN.                                                            FIBUDCUP
    03 BINAC.                                                          FIBUDCUP
       05 BINYR   PIC XX.                                              FIBUDCUP
       05 BINFUN  PIC XX.                                              FIBUDCUP
       05 BINORG  PIC XXX.                                             FIBUDCUP
       05 BINPRC.
          07 BINPROC  PIC X.
          07 BINSPRO  PIC X.
       05 BINPRA  PIC XX.                                              FIBUDCUP
       05 BINCRS  PIC XXX.                                             FIBUDCUP
       05 BINEXP  PIC XXXX.                                            FIBUDCUP
       05 BINSEQ  PIC XXX.                                             FIBUDCUP
    03 BINACTIONCODES.                                                 FIBUDCUP
       05 BINRTYP PIC X.                                               FIBUDCUP
       05 BINDCCD PIC X.                                               FIBUDCUP
       05 BINRCCD PIC X.                                               FIBUDCUP
       05 BINRUNC PIC XX.                                              FIBUDCUP
    03 BINFONC      PICTURE X(7).
    03 BIFONON REDEFINES BINFONO PICTURE 99999V99.
    03 BINDESA.                                                        FIBUDCUP
       05 FILLER       PIC X.                                          FIBUDCUP
       05 BINTCOD      PIC XXX.                                        FIBUDCUP
       05 BINTNAM.                                                     FIBUDCUP
          07 BILNAM  PIC X(12).                                        FIBUDCUP
          07 BIINIT  PIC X.                                            FIBUDCUP
       05 BINCNAM      PIC X(12).                                      FIBUDCUP
       05 BINOCCD      PIC X.                                          FIBUDCUP
       05 BINSAL       PIC X(7).                                       FIBUDCUP
       05 SALBIN REDEFINES BINSAL PICTURE 99999V99.                    FIBUDCUP
       05 OAFONC  PICTURE X(7).
       05 OFCNOA REDEFINES OAFONO PICTURE 99999V99.
       05 BINPCT       PIC X(6).
       05 PCTBIN REDEFINES BINPCT PIC  9999V99.                        FIBUDCUP
       05 BINCOST      PIC 999999V99.
    03 BINDESB REDEFINES BINDESA.                                      FIBUDCUP
       05 BINAPCOD     PIC XXXX.                                       FIBUDCUP
       05 BINANAME     PIC X(17).
       05 BINASAL      PIC X(7).                                       FIBUDCUP
       05 SALBINA REDEFINES BINASAL PIC 99999V99.                      FIBUDCUP
       05 BINASHR      PIC XXXX.
       05 HRSBINA REDEFINES BINASHR PIC 99V99.
       05 BINAHRDA     PIC XX.                                         FIBUDCUP
       05 HRDABINA REDEFINES BINAHRDA PIC 9V9.
       05 BINADAYR     PIC XXX.                                        FIBUDCUP
       05 DAYRBINA REDEFINES BINADAYR PIC 999.                         FIBUDCUP
       05 OBFONC  PICTURE X(7).
       05 OFCNOB REDEFINES OBFONO PICTURE 99999V99.
       05 BINAPCT      PIC XXXXXX.
       05 PCTBINA REDEFINES BINAPCT PIC 9999V99.
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        05  BINACCST     PIC 999999V99.
     03  BINDESC REDEFINES BINDESB.                                      FIBUDCUP
        05  BINBDESC     PIC X(37).
        05  OCFONO  PICTURE X(7).
        05  OFCNOC REDEFINES OCFONO PICTURE 99999V99.
        05  BINBPCT      PIC X(6)
        05  PCTBINB REDEFINES BINBPCT PIC  9999V99.
        05  BINBCOST     PIC 999999V99.
     03  BINDESD REDEFINES BINDESC.                                      FIBUDCUP
        05  BINCVNO      PIC XXXX                                        FIBUDCUP
        05  BINCDESC     PIC X(26).
        05  ODFONC  PICTURE X(7).
        05  OFCNOD REDEFINES ODFONO PICTURE 99999V99.
        05  BINCCATNO    PIC X(6).
        05  BINUQ.                                                       FIBUDCUP
        07  BINCUN       PIC XXX.
        07  BINCQUAN     PIC XXXX.                                       FIBUDCUP
        05  BINCCOST     PIC 999999V99.
     03  BINDESE REDEFINES BINDESD.                                      FIBUDCUP
        05  BINDPUBNO    PIC XXXX.                                       FIBUDCUP
        05  BINDAUTH     PIC X(12).
        05  BINDTIT      PIC X(20).
        05  OEFONO PICTURE X(7).
        05  OFCNOE REDEFINES OEFONO PICTURE 99999V99.
        05  BINDPCT PIC XXX.
        05  BINDQUAN     PIC XXXX.                                       FIBUDCUP
        05  BINDCOST     PIC 999999V99.
     03  COSTIN  PIC X(8).                                               FIBUDCUP
     03  INCOST REDEFINES COSTIN PIC 999999V99.                          FIBUDCUP
     03  BINPRNAM     PIC X(10).
     03  FILLER       PIC X(12).
 FD  BUDRECCT                                                            FIBUDCUP
     LABEL RECORD IS STANDARD                                            FIBUDCUP
     RECORDING MODE IS F                                                 FIBUDCUP
     RECORD CONTAINS 121 CHARACTERS
     BLOCK CONTAINS 60 RECORDS
     DATA RECORD IS BRECOT.                                              FIBUDCUP
 01  BRECCT.                                                             FIBUDCUP
     02  PRTPORT.
     03  BOTAC.                                                          FIBUDCUP
        05  BOTYR   PIC XX.                                              FIBUDCUP
        05  BOTFUN  PIC XX.                                              FIBUDCUP
        05  BOTFUNN REDEFINES BOTFUN PIC 99.
        05  BOTORG  PIC XXX.                                             FIBUDCUP
        05  BOTPRO.
            07  BOTPROC  PIC X.
            07  BOTPROCN REDEFINES BOTPROC PIC 9.
            07  BOTSPRO  PIC X.
            07  BOTSPRON REDEFINES BOTSPRO PIC 9.
        05  BOTPRA  PIC XX.                                              FIBUDCUP
        05  BOTCRS  PIC XXX.                                             FIBUDCUP
        05  BOTEXP  PIC XXXX.                                            FIBUDCUP
        05  BOTSEQ  PIC XXX.                                             FIBUDCUP
     03  BOTACTIONCODES.                                                 FIBUDCUP
        05  BOTRTYP PIC X.                                               FIBUDCUP
        05  BOTDCCD PIC X.                                               FIBUDCUP
        05  BOTRCOD PIC X.                                               FIBUDCUP
        05  BOTRUNO PIC XX.                                              FIBUDCUP
        05  BOTRUNON REDEFINES BOTRUNO PIC 99.
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03  BOTFONO       PICTURE X(7).
03  BOFONON REDEFINES BOTFONO  PICTURE 99999V99.
03  BOTDESA.                                                  FIBUDCUP
    05  FILLER       PIC X.                                   FIBUDCUP
    05  BOTTCOD      PIC XXX.                                 FIBUDCUP
    05  BOTTNAM                                               FIBUDCUP
        07  BOLNAM  PIC X(12).                                FIBUDCUP
        07  BOINIT  PIC X.                                    FIBUDCUP
    05  BOTCNAM      PIC X(12).                               FIBUDCUP
    05  BOTOCOD      PIC X.                                   FIBUDCUP
    05  BOTSAL       PIC X(7).                                FIBUDCUP
    05  SALBOT REDEFINES BOTSAL PIC 99999V99.                 FIBUDCUP
    05  NAFONO  PICTURE X(7).
    05  NFONOA REDEFINES NAFONO PICTURE 99999V99.
    05  BOTPCT       PIC X(6).
    05  PCTBOT REDEFINES BOTPCT PIC  9999V99.
    05  BOTCOST      PIC 999999V99.
    05  COSTBOT REDEFINES BOTCOST PIC X(8).
03  BOTDESB REDEFINES BOTDESA.                                FIBUDCUP
    05  BOTAPCOD     PIC XXXX.                                FIBUDCUP
    05  BOTANAME     PIC X(17).
    05  BOTASAL      PIC X(7).                                FIBUDCUP
    05  SALBOTA REDEFINES BOTASAL PIC 99999V99.               FIBUDCUP
    05  BOTASHR      PIC XXXX.
    05  HRSBOTA REDEFINES BOTASHR PIC 99V99.
    05  BOTAHRDA     PIC XX.                                  FIBUDCUP
    05  HRDABOTA REDEFINES BOTAHRDA PIC 9V9.
    05  BOTADAYR     PIC XXX.                                 FIBUDCUP
    05  DAYRBOTA REDEFINES BOTADAYR PIC 999.                  FIBUDCUP
    05  NBFONO  PICTURE X(7).
    05  NFONOB REDEFINES NBFONO PICTURE 99999V99.
    05  BOTAPCT      PIC  9999V99.
    05  BOTACOST     PIC 999999V99.
03  BOTDESC REDEFINES BOTDESB.                                FIBUDCUP
    05  BOTBDESC     PIC X(37).
    05  NCFONO  PICTURE X(7).
    05  NFONOC REDEFINES NCFONO PICTURE 99999V99.
    05  BOTBPCT      PIC X(6).
    05  PCTBOTB REDEFINES BOTBPCT PIC  9999V99.
    05  BOTBCOST     PIC 999999V99.
03  BOTDESD REDEFINES BOTDESC.                                FIBUDCUP
    05  BOTCVNO      PIC XXXX.                                FIBUDCUP
    05  BOTCDESC     PIC X(26).
    05  NDFONO  PICTURE X(7).
    05  NFONOD REDEFINES NDFONO PICTURE 99999V99.
    05  BOTCCATNO    PIC X(6).
    05  BOTUQ.                                                FIBUDCUP
        07  BOTCPCT PIC XXX.
        07  CBOTPCT REDEFINES BOTCPCT PIC 9V99.
        07  BOTCQUAN PIC XXXX.                                FIBUDCUP
        07  QUANBOTC REDEFINES BOTCQUAN PIC 9999.             FIBUDCUP
    05  BOTCCOST      PIC 999999V99.
03  BOTDESE REDEFINES BOTDESD.                                FIBUDCUP
    05  BOTDPUBNO    PIC XXXX.                                FIBUDCUP
    05  BOTDAUTH     PIC X(12).
    05  BOTDTIT      PIC X(20).
    05  NEFONO PICTURE X(7).
    05  NFONOE REDEFINES NEFONO PICTURE 99999V99.
    05  BOTDPCT PIC XXX.
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            05  DBOTPCT REDEFINES BOTDPCT PIC 9V99.
        05  BOTDQUAN     PIC XXXX.                                  FIBUDCUP
            05  DBOTQUAN REDEFINES BOTDQUAN PIC 9999.
        05  BOTDCOST     PIC 999999V99.
    03  COSTOT  PIC X(8).                                           FIBUDCUP
    03  OTCOST REDEFINES COSTOT PIC 999999V99.                      FIBUDCUP
    03  BOTPRNAM     PIC X(10).
    02  FILPORT.
    03  FILLER       PIC X(12).
FD  PCARD                                                           FIBUDCUP
    LABEL RECORD IS OMITTED                                         FIBUDCUP
    RECORDING MODE IS F                                             FIBUDCUP
    RECORD CONTAINS 80 CHARACTERS
    DATA RECORD IS PARC.                                            FIBUDCUP
01  PARC.                                                           FIBUDCUP
    03  PCYR    PIC XX.
    03  PCFUN   PIC XX.
    03  PCFUNN REDEFINES PCFUN PIC 99.
    03  PCORG   PIC XXX.
    03  PCPRO.
        05  PCPROC PIC X.
        05  PCSPRO PIC X.
    03  PCPRA   PIC XX.
    03  PCCRS   PIC XXX.
    03  PCEXP   PIC XXXX.
    03  PCSEQ   PIC XXX.
    03  PCSCH   PIC X(23).
    03  PCWORDS REDEFINES PCSCH.
        05  PCPRAWDS     PIC X(10).
        05  SPCPRAWDS REDEFINES PCPRAWDS.
            07  SPRTIT  PIC X(7).
            07  FILLER  PIC XXX.
        05  FILLER       PIC X(13).
    03  PCFIL   PIC X(17).
    03  PCLOF   PIC XX.
    03  PCHIF   PIC XX.
    03  PCDIST  PIC XXXX.
    03  PCSCHNO PIC XXX.
    03  PCRUN   PIC XXX.
    03  PCR REDEFINES PCRUN.
        05  FILLER  PIC X.
        05  FRUNUM  PIC XX.
    03  PSWITCH.                                                    FIBUDCUP
        05  PCONE   PIC X.
        05  PCTWO   PIC X.
        05  PCTHR   PIC X.
        05  PCFOR   PIC X.
        05  PCTYP   PIC X.
WORKING-STORAGE SECTION.                                            FIBUDCUP
77  CRDX            PIC 9 VALUE ZERO.                               FIBUDCUP
77  MRDX            PIC 9 VALUE ZERO.                               FIBUDCUP
77  SAVACC          PIC X(21) VALUE SPACES.                         FIBUDCUP
77  CEOF            PIC 9 VALUE ZERO.                               FIBUDCUP
77  MEOF            PIC 9 VALUE ZERO.                               FIBUDCUP
77  FDSS         PIC 99 VALUE ZEROS.
77  DHDRX           PIC 9 VALUE ZERO.                               FIBUDCUP
77  CRSCOST         PIC 9999999V99 VALUE ZEROS.                     FIBUDCUP
77  PRACCOST        PIC 99999999V99 VALUE ZEROS.                    FIBUDCUP
77  D-HD-IND        PIC 9 VALUE ZERO.                               FIBUDCUP
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77  I-HD-IND            PIC 9 VALUE ZERO.
77  IGRP             PIC 9 VALUE ZERO.                              FIBUDCUP
77  PGRP             PIC 99 VALUE ZERO.                             FIBUDCUP
77  DIGRP            PIC 9 VALUE ZERO.                              FIBUDCUP
77  DPGRP            PIC 99 VALUE ZERO.                             FIBUDCUP
77  SAVCRS           PIC XXX VALUE SPACES.
77  SAVPRA           PIC XXX VALUE SPACES.
77  MECFX            PIC 9   VALUE ZERO.
77  MECFXS           PIC 9 VALUE ZERO.
77  CECFX            PIC 9   VALUE ZERO.
77  CECFXS           PIC 9 VALUE ZERO.
77  EDITX            PIC 9   VALUE ZERO.
77  SAVITPGE         PIC 999 VALUE ZEROS.
77  DITPGE           PIC 999 VALUE ZERO.
77  RSW              PIC 9 VALUE ZERO.
77  ORGSS   PIC 99 VALUE ZEROS.
77  XOUT         PIC 99999 VALUE ZEROS.
77  ARG PIC S99999 USAGE COMPUTATIONAL, SYNC, VALUE +5.
01  DATES.
    03  DAT  PIC XXXX OCCURS 11 TIMES.
01  DTE REDEFINES DATES.
    03  RET-DATE    PIC X(18).
    03  FILLER      PIC X(26).
01  SPROW.
    03  WSPRO   PIC XX VALUE ZEROS.
    03  SWPRO REDEFINES WSPRO PIC 99.
01  TFIGS.
    03  TFLSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TINSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TOCSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TDLSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TACSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TDFSTOT          PIC S99999999V99 VALUE ZEROS.
    03  TONSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TTWSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TTHSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TFCSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TFISTOT          PIC  99999999V99 VALUE ZEROS.
    03  TSXSTOT          PIC  99999999V99 VALUE ZEROS.
    03  TSESTOT          PIC  99999999V99 VALUE ZEROS.
    03  TEISTOT          PIC  99999999V99 VALUE ZEROS.
    03  TNISTOT          PIC  99999999V99 VALUE ZEROS.
    03  TSCH20  PIC 99999999V99 VALUE ZEROS.
    03  TSCH21  PIC 99999999V99 VALUE ZEROS.
    03  TSCH22  PIC 99999999V99 VALUE ZEROS.
    03  TSCH23  PIC 99999999V99 VALUE ZEROS.
    03  TSCH30  PIC 99999999V99 VALUE ZEROS.
    03  TSCH31  PIC 99999999V99 VALUE ZEROS.
    03  TSCH32  PIC 99999999V99 VALUE ZEROS.
    03  TSCH33  PIC 99999999V99 VALUE ZEROS.
    03  TSCH40  PIC 99999999V99 VALUE ZEROS.
01  SFIGS.
    03  SFLSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SINSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SOCSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SDLSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SACSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SDFSTOT          PIC S99999999V99 VALUE ZEROS.
    03  SONSTOT          PIC  99999999V99 VALUE ZEROS.
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    03  STWSTOT          PIC  99999999V99 VALUE ZEROS.
    03  STHSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SFOSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SFISTOT          PIC  99999999V99 VALUE ZEROS.
    03  SSXSTOT          PIC  99999999V99 VALUE ZEROS.
    03  SSESTOT          PIC  99999999V99 VALUE ZEROS.
    03  SEISTOT          PIC  99999999V99 VALUE ZEROS.
    03  SNISTOT          PIC  99999999V99 VALUE ZEROS.
01  DTFIGS.
    03  TDELSTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDONSTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDTWSTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDTHSTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDFOSTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDFISTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDSXSTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDSESTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDEISTOT              PIC 99999999V99 VALUE ZEROS.
    03  TDNISTOT              PIC 99999999V99 VALUE ZEROS.
01  DSFIGS.
    03  SDELSTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDONSTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDTWSTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDTHSTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDFOSTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDFISTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDSXSTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDSESTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDEISTOT              PIC 99999999V99 VALUE ZEROS.
    03  SDNISTOT              PIC 99999999V99 VALUE ZEROS.
01  DPRFIGS.
    03  DELPROSTOT       PIC 99999999V99 VALUE ZEROS.
    03  DELSPROSTOT   PIC 99999999V99 VALUE ZEROS.
    02  DPAFIGS.
        03  DELPRASTOT        PIC 99999999V99 VALUE ZEROS.
        03  DELCRSSTOT        PIC 99999999V99 VALUE ZEROS.
01  PRFIGS.
    03  PROSTOT      PIC 99999999V99 VALUE ZEROS.
    03  SPROSTOT  PIC 99999999V99 VALUE ZEROS.
    02  PAFIGS.
        03  PRASTOT           PIC 99999999V99 VALUE ZEROS.
        03  CRSSTOT           PIC 99999999V99 VALUE ZEROS.
01  WKFIGURES.                                                         FIBUDCUP
    03  PREFIG       PIC 999999V99 VALUE ZEROS.                        FIBUDCUP
    03  POSTFIG      PIC 999999V99 VALUE ZEROS.                        FIBUDCUP
01  RUN-CHECK-TOTALS.                                                  FIBUDCUP
    03  RONETOT          PIC  99999  VALUE ZEROS.                      FIBUDCUP
    03  RTWOTOT          PIC  99999  VALUE ZEROS.                      FIBUDCUP
    03  RTHRTOT          PIC  99999  VALUE ZEROS.                      FIBUDCUP
    03  RFORTOT          PIC  99999  VALUE ZEROS.                      FIBUDCUP
    03  RFIVTOT          PIC  99999  VALUE ZEROS.                      FIBUDCUP
    03  RUNTRAN          PIC  999999 VALUE ZEROS.                      FIBUDCUP
    03  CLOTRAN          PIC  999999 VALUE ZEROS.                      FIBUDCUP
    03  NEWTRAN          PIC  999999 VALUE ZEROS.                      FIBUDCUP
01  PRTOTLINA.                                                         FIBUDCUP
    03  FILLER  PIC X(9) VALUE SPACES.                                 FIBUDCUP
    03  NONOTE  PIC X(48) VALUE SPACES                                 FIBUDCUP
    03  FILLER  PIC X(58) VALUE SPACES.                                FIBUDCUP
    03  NTOT    PIC ZZZZ9.                                             FIBUDCUP
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       03  FILLER  PIC X(13) VALUE SPACES.                                  FIBUDCUP
   01  SAVE-ACCNO.                                                          FIBUDCUP
       03  ACCPORT.                                                         FIBUDCUP
           05  ACCSYR  PIC XX VALUE ZEROS.                                  FIBUDCUP
           05  ACCSFU  PIC XX VALUE ZEROS.                                  FIBUDCUP
           05  ACCSOR  PIC XXX VALUE ZEROS.                                 FIBUDCUP
           05  ACCSPRO.
               07  ACCSSPROC  PIC X VALUE ZEROS.
               07  ACCSSPROCN REDEFINES ACCSSPROC PIC 9.
               07  ACCSSUPRO  PIC X VALUE ZERO.
           05  ACCSPRA PIC XX  VALUE ZEROS.                                 FIBUDCUP
           05  ACCSCRS PIC XXX VALUE ZEROS.                                 FIBUDCUP
           05  ACCSEXP PIC XXXX VALUE ZEROS.
       03  ACCSEQNO PIC XXX VALUE ZEROS.                                    FIBUDCUP
       03  SEQACCNO REDEFINES ACCSEQNO PIC 999.
   01  D-SAV-ACCNO.
       03  DACPRO.
           05  DACPROC  PIC X VALUE ZERO.
           05  DACPROCN REDEFINES DACPROC PIC 9.
           05  DACSPRO  PIC X VALUE ZERO.
       03  PRODAC REDEFINES DACPRO PIC 99.
       03  DACPRA       PIC XX VALUE ZEROS.
       03  DACCRS       PIC XXX VALUE ZEROS.
   01  PRBUDIT.                                                             FIBUDCUP
       03  FILLER  PIC  X(47) VALUE SPACES.
       03  BIHED   PIC  X(41) VALUE
         'P R O P O S E D   B U D G E T   I T E M S'                        FIBUDCUP
       03  FILLER  PIC  X(45) VALUE SPACES.
   01  PRBUITC.                                                             FIBUDCUP
       03  FILLER  PIC  X VALUE SPACE.
       03  ITCA    PIC  XXX VALUE ' * '.
       03  ITCCRS  PIC  X(13) VALUE SPACES.
       03  ITCB  PIC X(4) VALUE ' ** '.
       03  ITSPRNAM  PIC X(7) VALUE SPACES.
       03  ITCX  PIC X VALUE SPACE.
       03  ITSSPR  PIC XX VALUE SPACES.
       03  ITXC  PIC X(5) VALUE   ' *** '.
       03  ITPRNAME  PIC X(12) VALUE SPACES.
       03  ITXD  PIC X(6) VALUE ' ***  '.
       03  ITSCH  PIC X(23) VALUE SPACES.
       03  ITCC PIC X(7) VALUE '  DIST-'.
       03  ITDIST  PIC X(4) VALUE SPACES.
       03  ITCE PIC X(9) VALUE ' RUN NO. '.
       03  ITXE  PIC X(3) VALUE SPACES.
       03  ITCF  PIC XXX VALUE SPACES.
       03  ITDTE    PIC  X(18) VALUE SPACES.
       03  ITCG     PIC X(7) VALUE ' PAGE  '.
       03  ITPGE    PIC  999 VALUE ZEROS.
       03  ITCH     PIC  XX VALUE SPACES.
   01  PRBUDITD.                                                            FIBUDCUP
       03  ITDA     PIC  X(71) VALUE '      UPDATE SEQUENCE NO.             FIBUDCUP
  -    '         ITEM DESCRIPTION                  '.
       03  ITDB     PIC  X(62) VALUE 'F.O.         UNITS     PCT.
  -    'UNIT COST        TOTAL COST   ACT'.
   01  PRBUDDET.                                                            FIBUDCUP
       03  FILLER  PIC  XX VALUE SPACES.
       03  PFYR    PIC  XX VALUE ZEROS.
       03  FILLER  PIC  X  VALUE SPACES.
       03  PFUN    PIC  XX VALUE ZEROS.
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       03  FILLER  PIC  X  VALUE SPACES.
       03  PORG    PIC  XXX VALUE ZEROS.
       03  FILLER  PIC  X  VALUE SPACES.
       03  PPROG   PIC  XX VALUE ZEROS.
       03  FILLER  PIC  X  VALUE SPACES.
       03  PPRAR   PIC  XX VALUE ZEROS.
       03  FILLER  PIC  X  VALUE SPACES.
       03  PCRS    PIC  XXX VALUE ZEROS.
       03  FILLER  PIC  X  VALUE SPACES.
       03  PEXP    PIC  XXXX VALUE ZEROS.
       03  FILLER  PIC  X  VALUE SPACES.
       03  PSEQ    PIC  XXX VALUE ZEROS.
       03  FILLER  PIC  XX VALUE SPACES.
       03  PDESC   PIC X(42).
       03  PADESC REDEFINES PDESC.
           05  PATCOD  PICTURE XXX.
           05  FILLER  PIC X(4).
           05  PATNAM  PICTURE X(13).
           05  FILLER  PIC X(4).
           05  PACNAM  PICTURE X(12).
           05  FILLER  PIC X(6).
       03  PBDESC REDEFINES PADESC.
           05  PBPCOD PICTURE XXXX.
           05  FILLER  PIC XXXX.
           05  PBNAME  PICTURE X(17).
           05  FILLER  PIC XX.
           05  PBRATE  PIC XXXX.
           05  FILLER  PIC XX.
           05  PBHOURS PIC XX.
           05  FILLER  PIC XX.
           05  PBDAYYR PIC XXX.
           05  FILLER  PIC XX.
       03  PCDESC REDEFINES PBDESC.
           05  PCVNO   PIC XXXX.
           05  FILLER  PICTURE X.
           05  PCDES   PICTURE X(26).
           05  FILLER  PIC XX.
           05  PCCATNO PICTURE X(6).
           05  FILLER  PICTURE XXX.
       03  PDDESC REDEFINES PCDESC.
           05  PDPUB   PICTURE XXXX.
           05  FILLER  PIC XXXX.
           05  PDAUT   PICTURE X(12).
           05  FILLER  PICTURE X.
           05  PDTIT   PIC X(20).
           05  FILLER  PICTURE X.
       03  PAFOND  PICTURE 99999.99.
       03  FILLER  PIC X.
       03  PVNO    PIC  ZZZZ.
       03  FILLER  PIC  XX VALUE SPACES.
       03  PNCUN   PIC ZZZZZZ.
       03  FILLER  PIC  XX    VALUE SPACES.
       03  PUNCST  PIC  $ZZ,ZZZ,ZZZ.ZZ.
       03  FILLER  PIC  XX   VALUE SPACES.
       03  PTCOST  PIC  $ZZ,ZZZ,ZZZ.ZZ.
       03  FILLER  PIC  X  VALUE SPACES.
       03  PAST    PIC  X VALUE SPACE.
       03  PRNO    PIC  Z9.
   01  PRTOTLIN.                                               FIBUDCUP
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       03  FILLER  PIC  X(9)  VALUE SPACES.
       03  FNCTE   PIC  X(48) VALUE SPACES.
       03  FILLER  PIC XXX VALUE SPACES.
       03  FTCT        PIC $ZZ,ZZZ,ZZZ.ZZCR.
       03  PRILLER     PIC X(57) VALUE SPACES.
   01  CTFOOT.                                                      FIBUDCUP
       03  CRSFOT  PIC X(28) VALUE
       '   * COURSE TOTAL        *     '
       03  FOTCRS  PIC XXX VALUE SPACES.
       03  CRSFT   PIC X(17) VALUE '           - - - - - -'.
   01  PRAFOOT.                                                     FIBUDCUP
       03  PROFOT  PIC  X(28) VALUE
       '  ** DEPARTMENT TOTAL  **    '.
       03  FOTPRA  PIC X(10) VALUE SPACES.
       03  PRAFOT  PIC X(10) VALUE ' - - - - - -'.
   01  SPRFOOT.
       03  SPROFOT  PIC X(28) VALUE ' *** SUB-PROGRAM TOTAL ***  '.
       03  FOTSPRO  PIC X(7) VALUE SPACES.
       03  SFOTPRO  PIC X(13) VALUE '    - - - - - -'.
   01  PRFOOT.                                                      FIBUDCUP
       03  PRAFOT  PIC X(28) VALUE '**** PROGRAM TOTAL      **** '.
       03  FOOTPRA PIC X(12) VALUE SPACES.
       03  PRASPACFIL  PIC X(8) VALUE ' - - - -'.
   01  PRBUDITDE.
       03  FILLER  PIC X(35) VALUE SPACES.                          FIBUDCUP
       03  BIDHED  PIC X(65) VALUE  'P R O P O S E D   B U D G E T FIBUDCUP
   -   'I T E M S   D E L E T E   L I S T'                          FIBUDCUP
       03  FILLER  PIC X(33) VALUE SPACES.                          FIBUDCUP
   01  SCHHEADINFO.                                                 FIBUDCUP
       03  SCHNAME      PIC X(23).                                  FIBUDCUP
       03  SCHID        PIC XXX.                                    FIBUDCUP
       03  SCHDIST      PIC XXXX.                                   FIBUDCUP
       03  SCHRUN       PIC XXX.                                    FIBUDCUP
       03  SCHIND       PIC XXXX.                                   FIBUDCUP
       03  SCHTYP       PIC X.                                      FIBUDCUP
   01  SCHCRSHD.                                                    FIBUDCUP
       03  SCHPRA  PIC X(10).
       03  FILLER  PIC X VALUE SPACES.
       03  SCHPRNO PIC XX.
   01  COSTWK.                                                      FIBUDCUP
       03  CDOLLS  PIC 9(6).
       03  CCENTS  PIC 99.                                          FIBUDCUP
   01  COSTAX.                                                      FIBUDCUP
       03  AXZER    PIC 99  VALUE ZEROS.
       03  AXDOLLS  PIC 9(6)V99 VALUE ZEROS.
   01  AXCOST REDEFINES COSTAX PIC 9(8)V99.
   01  COSTTOT.                                                     FIBUDCUP
       03  CTDOLLS  PIC 9(6).                                       FIBUDCUP
       03  CTCENTS  PIC 99.                                         FIBUDCUP
   01  COSTAY.                                                      FIBUDCUP
       03  AYZER    PIC 99 VALUE ZEROS.                             FIBUDCUP
       03  AYDOLLS  PIC 9(6).                                       FIBUDCUP
   01  AYCOST REDEFINES COSTAY PIC 9(8).                            FIBUDCUP
   01  ACOMPCOST  PIC 9(8)V.                                        FIBUDCUP
   01  WKQUANT.                                                     FIBUDCUP
       03  FILLER PIC XXX VALUE SPACES.
       03  WKQ      PIC XXXX VALUE SPACES.                          FIBUDCUP
   01  XCOST.                                                       FIBUDCUP
       03  XZERO   PIC 9 VALUE ZERO.                                FIBUDCUP
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       03  XQ        PIC 99999V99 VALUE ZEROS.                          FIBUDCUP
   01  COLBRK.
       03  ACCLM    PIC X(30) VALUE '   YR FD ORG PG PA CRS EXPD SEQ'.
       03  FILLER   PIC X(103) VALUE SPACES.
   01  PARCD.
       03  PCDYR          PIC XX.
       03  PCDFUN         PIC XX.
       03  PCDORG         PIC XXX.
       03  PCDPRO         PIC XX.
       03  PCDPRA         PIC XX.
       03  PCDCRS         PIC XXX.
       03  PCDEXP         PIC XXXX.
       03  PCDSEQ         PIC XXX.
       03  PCDSCH         PIC X(23).
       03  PCDFIL    PIC X(17).
       03  PCDLOF    PIC XX.
       03  PCDHIF    PIC XX.
       03  PCDDIST        PIC XXXX.
       03  PCDSCHNO       PIC XXX.
       03  PCDRUN.
           05  FILLER   PIC X.
           05  FRUNUM   PIC XX.
       03  PSW.
           05  PCDONE   PIC X.
           05  PCDTWO   PIC X.
           05  PCDTHR   PIC X.
           05  PCDFOR   PIC X.
           05  PCDTYP   PIC X.
   01  TITLE-TABLE.
       03  PROG-SECT OCCURS 4 TIMES.
           05  PRAR-SECT OCCURS 60 TIMES.
               07  DATAWD.
                   09  PRID     PIC XXXX.
                   09  PRWDS    PIC X(10).
   01  WKWD.
       03  WKPR      PIC XX.
       03  WKPA      PIC XX.
       03  WKWORD    PIC X(10).
   01  WDWK REDEFINES WKWD.
       03  NWKPR    PIC 99.
       03  WKPRN REDEFINES NWKPR.
           05  WKPR1    PIC 9.
           05  WKSPR1   PIC 9.
       03  NWKPA    PIC 99.
       03  NWKWDS   PIC X(10).
   01  SPRWKWDS.
       03  SP OCCURS 90 TIMES PIC X(7).
   01  PRWKWDS.
       03  INSTR    PIC X(12) VALUE 'INSTRUCTION '.
       03  SINST    PIC X(12) VALUE 'SUP. INSTR. '.
       03  ADMIN    PIC X(12) VALUE 'ADMINISTRAT.'.
       03  MNC      PIC X(12) VALUE 'MAINT.OPER. '.
   01  WKWDSPR REDEFINES PRWKWDS.
       03  PRTABNAM OCCURS 4 TIMES PIC X(12).
   01  ORGNAMES.
       03  ORGENTRY OCCURS 50 TIMES.
           05  ORGNUM   PIC XXX.
           05  ORGNAM   PIC X(23).
   01  WKPCTG.
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        03  PCZERO  PIC 999 VALUE ZEROS.
        03  ZEROPC  PIC 9V99 VALUE ZEROS.
    01  PCTWK REDEFINES WKPCTG PIC X(6).
    01  SCHIDLIN.
        03  FILLER       PIC X(10) VALUE SPACES.
        03  IDNOTE       PIC X(13) VALUE 'TOTALS FOR    '.
        03  IDSCHN       PIC X(23) VALUE SPACES.
        03  FILLER       PIC X(11) VALUE SPACES.
    01  FDWDG.
        03  FDWD OCCURS 80 TIMES PIC X(23).
    01  FDLINE.
        03  FILLER  PIC X(9) VALUE SPACES.
        03  FDPRT   PIC X(23) VALUE SPACES.
        03  FDFILL  PIC X(25) VALUE ' - - - - - - - - - - - - '.
        03  FILLER  PIC XXX VALUE SPACES.
        03  FDTOTP  PIC $ZZ,ZZZ,ZZZ.ZZCR.
        03  FDFILA  PIC X(57) VALUE SPACES.
    01  FDDOLLS.
        03  FUNDOL  OCCURS 80 TIMES PIC 99999999V99.
    PROCEDURE DIVISION.                                                 FIBUDCUP
        OPEN INPUT PCARD.                                               FIBUDCUP
        OPEN INPUT BUDREC.
        READ PCARD AT END GO TO CLOSE-CARDA.
        IF PCTYP = '0' GO TO ED-PCARD.
        DISPLAY 'INVALID HEADER CARD IDENTIFIER--RESTART'.              FIBUDCUP
        GO TO CLOSE-CARDA.
    ED-PCARD.                                                           FIBUDCUP
        IF PCONE = '1' OR '2' GO TO EDIT-DONE.
        DISPLAY 'INVALID RUN TYPE INDICATOR--RESTART'.                  FIBUDCUP
        GO TO CLOSE-CARD.                                               FIBUDCUP
    EDIT-DONE.                                                          FIBUDCUP
        IF PCONE = '1' MOVE 1 TO MEOFX GO TO OPE-OUT.
        OPEN INPUT BUDRECIN.
    OPE-OUT.                                                            FIBUDCUP
        MOVE PARC TO PARCD.
        PERFORM BILD-ORG THRU END-ORG.
        MOVE ZEROS TO FDDOLLS.
        MOVE ZEROS TO ORGSS.
        PERFORM BILD-FUNDS THRU END-FUNDS-EXIT.
        PERFORM BILD-SUBPRO THRU END-SUBS.
        PERFORM BILD-TITLES THRU END-TITLES.
        OPEN OUTPUT BUDRECOT.                                           FIBUDCUP
        MOVE SPACES TO BRECOT.
        OPEN OUTPUT ILIST, OLIST.                                       FIBUDCUP
        MOVE SPACES TO PRBUDDET.
        CALL 'STAMP', USING DATES, ARG.
        MOVE RET-DATE TO ITDTE.
        DISPLAY 'BUDGET RUN NO.  ', PCDRUN, PARCD.
        WRITE ITLIST FROM PRBUDIT AFTER POSITIONING 0 LINES.
        WRITE OELIST FROM PRBUDITOE AFTER POSITIONING 0 LINES.
        MOVE SPACES TO ITLIST, OELIST.
    READ-RECIN.                                                         FIBUDCUP
        READ BUDREC AT END GO TO CEOF.                                  FIBUDCUP
        EXAMINE ACSEQ REPLACING ALL SPACES BY ZEROS.
        IF INPCRT IS NOT NUMERIC DISPLAY 'BAD KEY  ', INREC,
            GO TO READ-RECIN.
        IF ACYR ) PCOYR
            DISPLAY 'BAD YEAR  ', INREC, GO TO READ-RECIN.
        IF ACFU   PCDLOF AND ACFU ) PCDHIF NEXT SENTENCE ELSE
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          DISPLAY 'BAD FUND   ', INREC,
           GO TO READ-RECIN.
      IF ACORG   '099' AND ACORG ) PCDSCHNO NEXT SENTENCE ELSE
          DISPLAY 'BAD ORG NO   ', INREC,
          GO TO READ-RECIN.
      IF ACPRO   '09' AND ACPRO NOT   '99' NEXT SENTENCE ELSE
          DISPLAY 'BAD PROG NO ', INREC,
          GO TO READ-RECIN.
      IF ACPRA   '00' AND ACPRA ) '61' NEXT SENTENCE ELSE
          DISPLAY 'BAD PR AREA ', INREC,
          GO TO READ-RECIN.
  READ-RECIN-A.                                                       FIBUDCUP
      IF ACODE = 'X' GO TO EDIT-C.
      IF ACODE = 'D' GO TO EDIT-C.
      IF ACODE NOT ) '1' AND ACODE NOT   '5' GO TO EDIT-A.            FIBUDCUP
      DISPLAY 'BAD-REC-CODE               ', INREC.                   FIBUDCUP
      GO TO READ-REC-IN-SW.                                           FIBUDCUP
  EDIT-A.                                                             FIBUDCUP
      IF ACCCDE NOT = SPACES GO TO EDIT-B.                            FIBUDCUP
      DISPLAY 'CCNT-ACC-BLANKS            ', INREC.                   FIBUDCUP
      GO TO READ-REC-IN-SW.
  EDIT-B.                                                             FIBUDCUP
      IF ACODE   '0' AND ACODE ) '6' GO TO EDIT-C.
      DISPLAY 'INVALID-REC-IDENT.         ', INREC.                   FIBUDCUP
      GO TO READ-REC-IN-SW.
  EDIT-C.                                                             FIBUDCUP
      IF ACOST IS NUMERIC GO TO EDIT-G.
      IF ACOST = SPACES AND ACODE = 'X' GO TO EDIT-D.
      IF ACOST = SPACES AND ACODE ='D' GO TO EDIT-D.
      IF ACOST = SPACES AND PCDRUN   '001' GO TO EDIT-D.
      IF ACOST =  SPACES AND (ACODE = '1' OR '2' ) GO TO EDIT-D.     FIBUDCUP
      IF ACOST = SPACES GO TO EDIT-H.
      EXAMINE ACOST REPLACING ALL SPACES BY ZEROS.
      IF ACOST IS NUMERIC GO TO EDIT-G.
  EDIT-X.
      DISPLAY 'INVALID-COST-FIELD         ', INREC.                   FIBUDCUP
      GO TO READ-REC-IN-SW.
  EDIT-G.
      IF ACODE = '4' OR '5' GO TO EDIT-H.
      GO TO EDIT-D.
  EDIT-H.
      IF EQUAN = SPACES GO TO EDIT-K.
      IF EQUAN IS NUMERIC GO TO EDIT-L.
      EXAMINE EQUAN REPLACING ALL SPACES BY ZEROS.
      IF EQUAN IS NUMERIC GO TO EDIT-L.
      GO TO EDIT-X.
  EDIT-K.
      IF EPCT = SPACES AND PCDRUN   '001' GO TO EDIT-D.
      IF EPCT = SPACES GO TO EDIT-D.
      IF EPCT IS NUMERIC GO TO EDIT-D.
      EXAMINE EPCT REPLACING ALL SPACES BY ZEROS.
      IF EPCT IS NUMERIC GO TO EDIT-D.
      GO TO EDIT-X.
  EDIT-L.
      IF EPCT = SPACES GO TO EDIT-D.
      IF EPCT IS NUMERIC GO TO EDIT-D.
      EXAMINE EPCT REPLACING ALL SPACES BY ZEROS.
      IF EPCT IS NUMERIC GO TO EDIT-D.
      GO TO EDIT-X.
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READ-REC-IN-SW.                                                          FIBUDCUP
    GO TO READ-RECIN.                                                    FIBUDCUP
EDIT-D.                                                                  FIBUDCUP
    GO TO EDIT-DX.                                                       FIBUDCUP
EDIT-OUT.                                                                FIBUDCUP
    MOVE ZERO TO EDITX.                                                  FIBUDCUP
    GO TO EDIT-FINISH.                                                   FIBUDCUP
EDIT-IN.                                                                 FIBUDCUP
    MOVE 1 TO EDITX.                                                     FIBUDCUP
EDIT-FINISH. EXIT.                                                       FIBUDCUP
EDIT-DX.                                                                 FIBUDCUP
    ALTER EDIT-D TO PROCEED TO EDIT-IN.
    ALTER READ-REC-IN-SW TO PROCEED TO EDIT-OUT.
EDIT-E.                                                                  FIBUDCUP
    MOVE 1 TO CRDX.                                                      FIBUDCUP
    MOVE ACCRS TO SAVCRS.                                                FIBUDCUP
    MOVE ACPRA TO SAVPRA.                                                FIBUDCUP
SAVE-NUM.                                                                FIBUDCUP
    MOVE ACCODE TO SAVACC.                                               FIBUDCUP
    IF MEOFX = 1 GO TO CREAT-CARDREC.
    READ BUDRECIN AT END GO TO MEOF.
    MOVE 1 TO MRDX.
    IF BINCRG > ACCRG MOVE 1 TO CEOFXS, MOVE 0 TO RSW,
                      MOVE BINAC TO SAVE-ACCNO
                      GO TO CREAT-M-FIL.
    IF BINCRG   ACCRG MOVE 1 TO MEOFXS, MOVE 1 TO RSW,
                      GO TO CREAT-CARDREC.
    MOVE BINAC TO SAVE-ACCNO.
    GO TO CHECK-NUM.
READ-D-FIL.                                                              FIBUDCUP
    READ BUDRECIN AT END GO TO MEOF.
    MOVE 1 TO MRDX.                                                      FIBUDCUP
    IF BINCRG = ACCSOR AND CEOFX = 1 AND BINFUN = ACCSFU
        GO TO CREAT-M-FIL.
    IF BINCRG = ACCSOR AND CEOFX = 1 AND BINFUN NOT = ACCSFU
        PERFORM SCH-BREAK
        PERFORM RESET-M-NUM
        GO TO CREAT-M-FIL.
    IF BINCRG = ACCSOR AND CEOFXS = 1 AND BINFUN = ACCSFU
        GO TO CREAT-M-FIL.
    IF BINCRG = ACCSOR AND CEOFXS = 1 AND BINFUN NOT = ACCSFU
        PERFORM SCH-BREAK
        PERFORM RESET-M-NUM
        GO TO CREAT-M-FIL.
    IF BINCRG = ACCSOR AND CRDX = 1 AND BINFUN = ACCSFU
        GO TO CHECK-NUM.
    IF BINCRG = ACCSOR AND CRDX = 1 AND BINFUN NOT = ACCSFU
        MOVE 1 TO MEOFXS, GO TO CREAT-CARDREC.
    IF CEOFX = 1 AND BINORG NOT = ACCSOR
                      PERFORM SCH-BREAK
                      PERFORM RESET-M-NUM
                      GO TO CREAT-M-FIL.
    IF CEOFXS = 1 AND BINORG NOT = ACCSOR
          PERFORM SCH-BREAK
          PERFORM RESET-M-NUM
          GO TO AROUND-FOR-MATCH.
    IF BINCRG NOT = ACCSOR MOVE 1 TO MEOFXS
        GO TO CREAT-CARDREC.
CHECK-NUM.                                                               FIBUDCUP
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           IF ACCCDE = BINAC GO TO CHECK-ACTION.                           FIBUDCUP
           IF ACCCDE ) BINAC GO TO CREAT-CARDREC.                          FIBUDCUP
       CREAT-M-FIL.                                                        FIBUDCUP
           MOVE BRECIN TO BRECOT.                                          FIBUDCUP
       CREAT-PREC.                                                         FIBUDCUP
       CREAT-M-FILA.                                                       FIBUDCUP
           IF BOTCCOD = '1' GO TO CREAT-M-FILE.
           IF BOTRTYP = '1' ADD 1 TO RONETOT  GO TO CREAT-M-FILB.          FIBUDCUP
           IF BOTRTYP = '2' ADD 1 TO RTWOTOT  GO TO CREAT-M-FILB.          FIBUDCUP
           IF BOTRTYP = '3' ADD 1 TO RTHRTOT  GO TO CREAT-M-FILB.          FIBUDCUP
           IF BOTRTYP = '4' ADD 1 TO RFORTOT  GO TO CREAT-M-FILB.          FIBUDCUP
           ADD 1 TO RFIVTOT.                                               FIBUDCUP
       CREAT-M-FILB.                                                       FIBUDCUP
           IF ACCSPRA = ZEROS GO TO CREAT-M-FILC.                          FIBUDCUP
           IF CRSSTOT = ZEROS GO TO CREAT-M-FILC.
           IF BOTPROC NOT = ACCSSPROC PERFORM COURSE-BREAK THRU
                  PROG-BREAK GO TO CREAT-M-FILC.
           IF BOTPRO NOT = ACCSPRO PERFORM COURSE-BREAK THRU
                  SPRO-BREAK GO TO CREAT-M-FILC.
           IF BOTPRA NOT = ACCSPRA PERFORM COURSE-BREAK
                                  THRU PROGAREA-BREAK
                                  GO TO CREAT-M-FILC.
           IF BOTCRS NOT = ACCSCRS PERFORM COURSE-BREAK
                                  GO TO CREAT-M-FILC.
       CREAT-M-FILC.                                                       FIBUDCUP
           MOVE BOTAC TO SAVE-ACCNO.                                       FIBUDCUP
       CREAT-M-CFIL.                                                       FIBUDCUP
           PERFORM I-REC-LIST THRU I-REC-LIST-EXIT.
           IF BOTFUN = '10' PERFORM EXP-ADD THRU EXPADDOUT ELSE
                         PERFORM FEXP-ADD THRU FEXPADDOUT.
           ADD OTCOST TO SFLSTOT.
           IF BOTFUN = '10' ADD OTCOST TO TFLSTOT GO TO CREAT-FILX.
           ADD OTCOST TO FUNDOL (BOTFUNN).
       CREAT-FILX.
           ADD OTCOST TO CRSSTOT.
           ADD OTCOST TO PROSTOT.
           ADD OTCOST TO SPROSTOT.
           ADD OTCOST TO PRASTOT.
           MOVE ZERO TO MRDX.                                              FIBUDCUP
           ADD 1 TO RUNTRAN.
           IF PCDFOR = 1 DISPLAY PRTPORT.
           WRITE BRECOT.                                                   FIBUDCUP
           MOVE SPACES TO BRECOT.                                          FIBUDCUP
           MOVE SPACE TO ITLIST.                                           FIBUDCUP
           GO TO READ-D-FIL.                                               FIBUDCUP
       CREAT-M-FILE.
           MOVE SPACE TO BOTRCOD.
           IF D-SAV-ACCNO = ZEROS GO TO CREAT-M-FILF.
           IF DELCRSSTOT = ZEROS GO TO CREAT-M-FILF.
           IF BOTPROC NOT = DACPROC PERFORM D-CRS-BRK
                     THRU D-PROG-BREAK GO TO CREAT-M-FILF.
           IF BOTPRO NOT = DACPRO PERFORM D-CRS-BRK
                     THRU D-SPRO-BREAK GO TO CREAT-M-FILF.
           IF BOTPRA NOT = DACPRA PERFORM D-CRS-BRK
                                  THRU D-PRAR-BREAK
                                  GO TO CREAT-M-FILG.
           IF BOTCRS = DACCRS GO TO CREAT-M-FILK.
           PERFORM D-CRS-BRK, GO TO CREAT-M-FILH.
       CREAT-M-FILF.
```

```
    MOVE BCTPRC TC DACPRO.
CREAT-M-FILG.
    MOVE BCTPRA TC DACPRA.
CREAT-M-FILH.
    MOVE BCTCRS TC DACCRS.
CREAT-M-FILK.
    IF BCTFUN = '10' PERFORM DEX-ADD THRU DEXADDOUT ELSE
                      PERFORM FDEX-ADD THRU FDEXADDOUT.
    PERFORM D-REC-LIST THRU D-REC-LIST-EXIT.
    ADD OTCOST TO SDELSTOT.
    IF BCTFUN = '10' ADD OTCOST TO TDELSTOT.
    ADD OTCOST TO DELPROSTOT.
    ADD OTCOST TO DELSPROSTOT.
    ADD OTCOST TO DELPRASTOT.
    ADD OTCOST TO DELCRSSTOT.
    ADD 1 TO RUNTRAN.
    IF PCDFOR = 1 DISPLAY PRTPORT.
    WRITE BRECOT.
    MOVE SPACES TO BRECOT.
    MOVE ZERO TO MRDX.
    GO TO READ-D-FIL.
CREAT-CARDREC.                                                  FIBUDCUP
    IF ACODE = 'D' OR 'X' NEXT SENTENCE ELSE GO TO VALID-CARDREC.
    MOVE ZERO TO CRDX.
    DISPLAY 'DEL-CARD--NOMATCH        ', INREC.                 FIBUDCUP
    GO TO READ-ANOTHER-UPREC.
VALID-CARDREC.                                                  FIBUDCUP
    IF PCDRUN = '001' GO TO VALID-CARDA.
    IF RSW = 1 GO TO VALID-CARDA.
    MOVE 'A' TC BCTRCOD.                                        FIBUDCUP
VALID-CARDA.                                                    FIBUDCUP
    IF ACCPORT = ZEROS MOVE INPORT TO ACCPORT                   FIBUDCUP
                 MOVE '001' TO ACCSEQNO                         FIBUDCUP
                 MOVE SAVE-ACCNO TO BOTAC                       FIBUDCUP
                 GO TO VALID-CARDC.                             FIBUDCUP
    IF INPORT = ACCPORT AND ACSEQ = ( '999' OR '000' )
                ADD 1 TO SEQACCNO                               FIBUDCUP
                MOVE SAVE-ACCNO TO BOTAC                        FIBUDCUP
                GO TO VALID-CARDC.                              FIBUDCUP
    IF INPORT = ACCPORT                                         FIBUDCUP
    DISPLAY 'UPCARD SEQ-ERROR         ', INREC,
    GO TO READ-ANOTHER-UPREC.
    IF CRSSTOT = ZEROS GO TO VALID-CARDB.
    IF ACPROC NOT = ACCSSPROC
        PERFORM COURSE-BREAK THRU PROG-BREAK GO TO VALID-CARDB.
    IF ACPRO NOT = ACCSPRO
        PERFORM COURSE-BREAK THRU SPRO-BREAK GO TO VALID-CARDB.
    IF ACPRA NOT = ACCSPRA
            PERFORM COURSE-BREAK THRU PROGAREA-BREAK
            GO TO VALID-CARDB.
    IF ACCRS NOT = ACCSCRS PERFORM COURSE-BREAK.
VALID-CARDB.                                                    FIBUDCUP
    MOVE ACCODE TO SAVE-ACCNO.                                  FIBUDCUP
    IF ACCSEQNO = '999' MOVE '001' TO ACCSEQNO.                 FIBUDCUP
    IF ACCSEQNO = ZEROS MOVE '001' TO ACCSEQNO.                 FIBUDCUP
    MOVE SAVE-ACCNO TO ACCODE.                                  FIBUDCUP
    MOVE ACCODE TO BOTAC.                                       FIBUDCUP
VALID-CARDC.                                                    FIBUDCUP
    MOVE ACESC TO BOTDESA.                                      FIBUDCUP
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     MOVE ACODE TO BOTRTYP.                                          FIBUDCUP
     MOVE FRUNUM OF PARCD TO BOTRUNO.
     PERFORM COST-COMP THRU GOT-COST.                                FIBUDCUP
     IF PCDRUN NOT = '001' ADD OTCOST TO SADSTOT.
     IF BOTFUN = '10' AND PCDRUN NOT = '001'
                      ADD OTCOST TO TADSTOT.
     IF BOTFUN = '10' PERFORM EXP-ADD THRU EXPADDOUT ELSE
                     PERFORM FEXP-ADD THRU FEXPADDCUT.
     PERFORM I-REC-LIST THRU I-REC-LIST-EXIT.
     MOVE SPACES TO ITLIST.                                          FIBUDCUP
     MOVE BOTPROCN TO WKSPR1, MOVE ZERO TO WKPR1.
     MOVE BOTPRA TO WKPA.
     MOVE PRWDS (NWKPR, NWKPA) TO BOTPRNAM.
     IF PCDFOR = 1 DISPLAY PRTPORT.
     IF PCDTHR = 1 DISPLAY PRTPORT.
     WRITE BRECOT.                                                   FIBUDCUP
     MOVE SPACES TO BRECOT.                                          FIBUDCUP
 READ-ANOTHER-UPREC.                                                 FIBUDCUP
     IF CEOFX = 1 GO TO READ-D-FIL.                                  FIBUDCUP
     READ BUDREC AT END GO TO CEOF.                                  FIBUDCUP
     EXAMINE ACSEQ REPLACING ALL SPACES BY ZEROS.
     IF INPORT IS NOT NUMERIC DISPLAY 'BAD KEY  ', INREC,
         GO TO READ-ANOTHER-UPREC.
     IF ACFU   PCDLOF AND ACFU ) PCDHIF NEXT SENTENCE ELSE
         DISPLAY 'BAD FUND  ', INREC,
          GO TO READ-ANOTHER-UPREC.
     IF ACORG   '099' AND ACORG ) PCDSCHNO NEXT SENTENCE ELSE
         DISPLAY 'BAD ORG NO  ', INREC,
         GO TO READ-ANOTHER-UPREC.
     IF ACPRO   '09' AND ACPRO NOT   '99' NEXT SENTENCE ELSE
         DISPLAY 'BAD PROG NO ', INREC,
         GO TO READ-ANOTHER-UPREC.
     IF ACPRA   '00' AND ACPRA ) '61' NEXT SENTENCE ELSE
         DISPLAY 'BAD PR AREA ', INREC,
         GO TO READ-ANOTHER-UPREC.
     PERFORM READ-RECIN-A THRU EDIT-FINISH.                          FIBUDCUP
     IF EDITX = ZERO GO TO READ-ANOTHER-UPREC.                       FIBUDCUP
     MOVE 1 TO CRDX.                                                 FIBUDCUP
     IF ACORG = ACCSOR AND MEOFX = 1 AND ACFU NOT = ACCSFU
         PERFORM SCH-BREAK
         MOVE ZEROS TO SAVE-ACCNO, D-SAV-ACCNO
         GO TO CREAT-CARDREC.
     IF ACORG = ACCSOR AND MEOFX = 1 AND ACFU = ACCSFU
         GO TO CREAT-CARDREC.
     IF ACORG = ACCSOR AND MEOFXS = 1 AND ACFU NOT = ACCSFU
         PERFORM SCH-BREAK
         MOVE ZEROS TO SAVE-ACCNO, D-SAV-ACCNO
         GO TO AROUND-FOR-MATCH.
     IF ACORG = ACCSOR AND MEOFXS = 1 AND ACFU = ACCSFU
         GO TO CREAT-CARDREC.
     IF ACORG = ACCSOR AND ACFU = ACCSFU AND MRDX = 1
         GO TO CHECK-NUM.
     IF ACORG = ACCSOR AND MRDX = 1 AND ACFU NOT = ACCSFU
         MOVE 1 TO CEOFXS GO TO CREAT-M-FIL.
     IF ACORG = ACCSOR AND ACFU = ACCSFU AND MRDX NOT = 1
         GO TO READ-D-FIL.
     IF ACORG = ACCSOR AND ACFU NOT = ACCSFU AND MRDX NOT = 1
         MOVE 1 TO CEOFXS GO TO READ-D-FIL.
     IF MEOFX = 1 AND ACORG NOT = ACCSOR
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                       PERFORM SCH-BREAK
                       MOVE ZEROS TO SAVE-ACCNO, D-SAV-ACCNO
                       GO TO CREAT-CARDREC.
     IF MEOFXS = 1 AND ACORG NOT = ACCSOR
                       PERFORM SCH-BREAK
                       MOVE ZEROS TO SAVE-ACCNO, D-SAV-ACCNO
                       GO TO AROUND-FOR-MATCH.
     IF MRDX = 1 AND ACORG NOT = ACCSOR MOVE 1 TO CEOFXS
         GO TO CREAT-M-FIL.
     IF ACORG NOT = ACCSOR MOVE 1 TO CEOFXS
                           GO TO READ-D-FIL.
     IF MEOFX = 1 GO TO CREAT-CARDREC.                                   FIBUDCUP
     IF MRDX = 1 GO TO CHECK-NUM.                                        FIBUDCUP
     GO TO READ-D-FIL.                                                   FIBUDCUP
 CHECK-ACTION.                                                           FIBUDCUP
     IF ADESC = SPACES AND ACODE = 'X' MOVE ZERO TO CRDX, MRDX
              ADD 1 TO XOUT GO TO READ-ANOTHER-UPREC.
     IF ADESC = SPACES AND ACODE = BINRTYP AND BINDCOD = '1'
             MOVE SPACE TO BINDCOD
             MOVE 'A' TO BINRCOD
             MOVE FRUNUM OF PARCD TO BINRUNO
             MOVE BRECIN TO BRECOT
             PERFORM GOT-COST
             ADD OTCOST TO SADSTOT
             GO TO CHECK-FUND.
     IF ACODE NOT = 'D' GO TO CHECK-INC-DEC.                             FIBUDCUP
     MOVE '1' TO BINDCOD.                                                FIBUDCUP
     MOVE SPACE TO BINRCOD.
     MOVE FRUNUM OF PARCD TO BINRUNO.
     MOVE BRECIN TO BRECOT.                                              FIBUDCUP
     IF D-SAV-ACCNO = ZEROS MOVE BOTPRO TO DACPRO
                            MOVE BOTPRA TO DACPRA
                            MOVE BOTCRS TO DACCRS
                            GO TO D-REC-WRITEA.
     IF DELCRSSTOT = ZEROS GO TO D-REC-WRITE.
     IF BOTPROC NOT = DACPROC PERFORM D-CRS-BRK THRU
             D-PROG-BREAK GO TO D-REC-WRITE.
     IF BOTPRO NOT = DACPRO PERFORM D-CRS-BRK THRU
             D-SPRO-BREAK GO TO D-REC-WRITE.
     IF BOTPRA NOT = DACPRA PERFORM D-CRS-BRK THRU D-PRAR-BREAK
                            GO TO D-REC-WRITE.
     IF BOTCRS NOT = DACCRS PERFORM D-CRS-BRK.
 D-REC-WRITE.
     IF BOTPRO NOT = DACPRO MOVE BOTPRO TO DACPRO
                            MOVE BOTPRA TO DACPRA
                            MOVE BOTCRS TO DACCRS
                            GO TO D-REC-WRITEA.
     IF BOTPRA NOT = DACPRA MOVE BOTPRA TO DACPRA
                            MOVE BOTCRS TO DACCRS
                            GO TO D-REC-WRITEA.
     IF BOTCRS NOT = DACCRS MOVE BOTCRS TO DACCRS.
 D-REC-WRITEA.
     PERFORM D-REC-LIST THRU D-REC-LIST-EXIT.                            FIBUDCUP
     IF BOTFUN = '10' PERFORM DEX-ADD THRU DEXADDOUT ELSE
                      PERFORM FDEX-ADD THRU FDEXADDOUT.
     ADD OTCOST TO          DELPROSTOT, DELPRASTOT, DELCRSSTOT.
     ADD OTCOST TO DELSPROSTOT.
     ADD OTCOST TO SDELSTOT.
     IF BOTFUN = '10' ADD OTCOST TO TDLSTOT, TDELSTOT, SDLSTOT.
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     ADD 1 TO RUNTRAN.
     IF PCDFOR = 1 DISPLAY PRTPORT.
     IF PCDTHR = 1 DISPLAY PRTPORT.
     WRITE BRECOT.                                                          FIBUDCUP
     MOVE SPACES TO BRECOT.                                                 FIBUDCUP
     MOVE ZEROS TO CRDX, MRDX.                                              FIBUDCUP
     GO TO READ-ANOTHER-UPREC.                                              FIBUDCUP
 CHECK-FUND.
     IF BOTFUN = '10' ADD OTCOST TO TADSTOT GO TO WRITE-CURRENT.
     GO TO WRITE-CURRENT.
 CHECK-INC-DEC.                                                             FIBUDCUP
     MOVE BRECIN TO BRECOT.
     IF ACCSPRA = ZEROS GO TO CHECK-COMP-BREAK.
     IF CRSSTOT = ZEROS GO TO CHECK-COMP-BREAK.
     IF BOTPROC NOT = ACCSSPROC PERFORM COURSE-BREAK THRU
            PROG-BREAK GO TO CHECK-COMP-BREAK.
     IF BOTPRO NOT = ACCSPRO PERFORM COURSE-BREAK THRU
            SPRO-BREAK GO TO CHECK-COMP-BREAK.
     IF BOTPRA NOT = ACCSPRA PERFORM COURSE-BREAK
                          THRU PROGAREA-BREAK
                          GO TO CHECK-COMP-BREAK.
     IF BOTCRS NOT = ACCSCRS PERFORM COURSE-BREAK.
 CHECK-COMP-BREAK.
     MOVE BOTAC TO SAVE-ACCNO.
     MOVE ACODE TO BOTRTYP.                                                 FIBUDCUP
     PERFORM UPDATE-OTREC THRU UPD-DONE.
     PERFORM COST-COMP THRU GOT-COST.
     IF OTCCST ) INCOST GO TO DEC-ACTION.                                   FIBUDCUP
     IF OTCCST   INCOST GO TO INC-ACTION.                                   FIBUDCUP
 WRITE-CURRENT.
     MOVE ZERO TO CRDX, MRDX.                                               FIBUDCUP
     PERFORM I-REC-LIST THRU I-REC-LIST-EXIT.                               FIBUDCUP
     IF BOTFUN = '10' PERFORM EXP-ADD THRU EXPADDOUT ELSE
                    PERFORM FEXP-ADD THRU FEXPADDOUT.
     IF PCDFOR = 1 DISPLAY PRTPORT.
     IF PCDTHR = 1 DISPLAY PRTPORT.
     WRITE BRECOT.                                                          FIBUDCUP
     MOVE SPACES TO BRECOT.                                                 FIBUDCUP
     GO TO READ-ANOTHER-UPREC.                                              FIBUDCUP
 DEC-ACTION.                                                                FIBUDCUP
     IF BOTCCOD = '1' MOVE SPACE TO BOTCCOD MOVE 'A' TO BOTRCOD
            ELSE
     MOVE 'D' TO BOTRCOD. MOVE FRUNUM OF PARCD TO BOTRUNO.
     IF BOTFUN = '10'
     COMPUTE TDCSTOT = (TDCSTOT + (INCOST - OTCOST)).
     COMPUTE SDCSTOT = (SDCSTOT + (INCOST - OTCOST)).
     GO TO WRITE-CURRENT.
 INC-ACTION.                                                                FIBUDCUP
     IF BOTCCOD = '1' MOVE SPACE TO BOTCCOD MOVE 'A' TO BOTRCOD
            ELSE
     MOVE 'I' TO BOTRCOD. MOVE FRUNUM OF PARCD TO BOTRUNO.
     IF BOTFUN = '10'
     COMPUTE TINSTOT = (TINSTOT + (OTCOST - INCOST)).
     COMPUTE SINSTOT = (SINSTOT + (OTCOST - INCOST)).
     GO TO WRITE-CURRENT.
 RESET-M-NUM.
     MOVE 0 TO RSW.
     MOVE BINAC TO SAVE-ACCNO.
     MOVE ACCSPRO TO DACPRO.
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    MOVE ACCSPRA TO DACPRA.
    MOVE ACCSCRS TO DACCRS.
RESET-C-NUM.
    IF PCDRUN NOT = '001' MOVE 1 TO RSW.
    MOVE ACCODE TO SAVE-ACCNO.
    MOVE ACCSPRO TO DACPRO.
    MOVE ACCSPRA TO DACPRA.
    MOVE ACCSCRS TO DACCRS.
AROUND-FOR-MATCH.
    IF ACORG = BINORG AND ACFU = BINFUN
           MOVE ZERO TO CEOFXS, MEOFXS, RSW
           GO TO AROUND-FOR-MATCH-A.
    IF ACORG = BINORG AND ACFU   BINFUN
       MOVE ZERO TO MEOFXS, RSW
       PERFORM RESET-M-NUM
       MOVE 1 TO CEOFXS
       GO TO CREAT-M-FIL.
    IF ACORG ) BINORG AND ACFU   BINFUN
       MOVE ZERO TO MEOFXS, RSW
       PERFORM RESET-M-NUM
       MOVE 1 TO CEOFXS
       GO TO CREAT-M-FIL.
    IF ACORG   BINORG AND ACFU   BINFUN
       MOVE ZERO TO MEOFXS, RSW -
       PERFORM RESET-M-NUM
       MOVE 1 TO CEOFXS
       GO TO CREAT-M-FIL.
    IF ACORG   BINORG AND ACFU = BINFUN
       MOVE ZERO TO MEOFXS, RSW
       PERFORM RESET-M-NUM
       MOVE 1 TO CEOFXS
       GO TO CREAT-M-FIL.
    MOVE 1 TO RSW.
    MOVE ZEROS TO SAVE-ACCNO.
    MOVE ZERO TO CEOFXS.
    MOVE 1 TO MEOFXS.
    GO TO CREAT-CARDREC.
AROUND-FOR-MATCH-A.
    IF ACCODE   BINAC PERFORM RESET-M-NUM GO TO CREAT-M-FIL.
    IF ACCODE = BINAC PERFORM RESET-M-NUM GO TO CHECK-ACTION.
    MOVE ZEROS TO SAVE-ACCNO.
    GO TO CHECK-NUM.
SCH-BREAK.
    IF CRSSTOT NOT = ZEROS PERFORM COURSE-BREAK THRU PROG-BREAK.
    IF DELCRSSTOT NOT = ZEROS PERFORM
                          D-CRS-BRK THRU D-PROG-BREAK.
    IF SCELSTOT NOT = ZEROS PERFORM SCHOOL-CLOSE.
    IF SFLSTOT NOT = ZEROS PERFORM CURRENT-CLOSE.
CEOF.                                                                   FIBUDCUP
    MOVE 1 TO CEOFX                                                     FIBUDCUP
    IF MEOFX = 1 GO TO CLOSE-ALL-FILES.
    IF MEOFXS = 1 AND MRDX = 1 PERFORM SCH-BREAK
                                 MOVE ZERO TO MEOFXS
                                 GO TO CREAT-M-FIL.
    IF MEOFXS = 1 AND MRDX NOT = 1 PERFORM SCH-BREAK
                                    MOVE ZERO TO MEOFXS
                                   GO TO READ-D-FIL.
    IF MRDX = 1 GO TO CREAT-M-FIL.
    GO TO READ-D-FIL.
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MEOF.                                                                   FIBUDCUP
    MOVE 1 TO MEOFX.                                                    FIBUDCUP
    IF CEOFX = 1 GO TO CLOSE-ALL-FILES.
    IF CEOFXS = 1 AND CRDX = 1 PERFORM SCH-BREAK
                              MOVE ZERO TO CEOFXS
                         MOVE 1 TO RSW
                               MOVE ZEROS TO SAVE-ACCNO
                              GO TO CREAT-CARDREC.
    IF CEOFXS = 1 AND CRDX NOT = 1 PERFORM SCH-BREAK
                                   MOVE ZERO TO CEOFXS
                                   GO TO READ-ANOTHER-UPREC.
    IF CRDX = 1 GO TO CREAT-CARDREC.
    GO TO READ-ANOTHER-UPREC.
CLOSE-ALL-FILES.                                                        FIBUDCUP
    IF PCDRUN   '001' CLOSE BUDRECIN.
    CLOSE BUDRECOT.                                                     FIBUDCUP
    CLOSE BUDREC.                                                       FIBUDCUP
CLOSE-CARD.
    CLOSE PCARD.                                                        FIBUDCUP
    IF CRSSTOT NOT = ZEROS PERFORM COURSE-BREAK THRU PROG-BREAK.
    IF PCDRUN = '001' OR RSW = 1 GO TO CURRENT-CLOSE.
    IF DELCRSSTOT NOT = ZEROS
            PERFORM D-CRS-BRK THRU D-PROG-BREAK.
SCHOOL-CLOSE.
    WRITE DELIST AFTER POSITIONING 0 LINES.
    MOVE '*** DELETED    $$TOTAL*** - - - - - - - - - - - - - '
        TO FNOTE.
    MOVE SDELSTOT TO FTOT.
    MOVE SCHNAME TO IDSCHN.
    MOVE SCHIDLIN TO PRILLER.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE SPACES TO PRILLER.
    MOVE '  * CERT. SAL. $ TOTAL *- - - - - - - - - - - - - - '
        TO FNOTE.
    MOVE SCONSTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * N-CERT.SAL.$ TOTAL *- - - - - - - - - - - - - - '
        TO FNOTE.
    MOVE SDTWSTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * EMP.BEN.   $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SDTHSTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * SUPPLIES   $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SDFOSTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * MATERIALS  $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SDFISTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * REP.&REPL. $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SDSXSTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * CAP.OUTLAY $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SDSESTOT TO FTOT.
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    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * CONT.SERV. $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SDEISTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * OTHER COST $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SDNISTOT TO FTOT.
    WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE ZEROS TO DSFIGS.
CURRENT-CLOSE.
    MOVE SPACES TO ITLIST.
    WRITE ITLIST AFTER POSITIONING 0 LINES.
    MOVE '*** TOTAL RUN DOLLARS  *** - - - - - - - - - - - - -'      FIBU
        TO FNOTE.
    MOVE SFLSTOT TO FTOT  .
    MOVE SCHNAME TO IDSCHN.
    MOVE SCHIDLIN TO PRILLER.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           FIBUDCUP
    MOVE SPACES TO PRILLER.
    MOVE '*** INCREASE    $$TOTAL*** - - - - - - - - - - - - '      FIBUDCUP
        TO FNOTE.
    MOVE SINSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           FIBUDCUP
    MOVE '*** DECREASE    $$TOTAL*** - - - - - - - - - - - - '      FIBUDCUP
        TO FNOTE.
    MOVE SDCSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           FIBUDCUP
    IF PCDRUN NOT = '001'
    MOVE '*** ADDED       $$TOTAL*** - - - - - - - - - - - - '
        TO FNOTE
    MOVE SADSTOT TO FTOT
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '*** DELETED     $$TOTAL*** - - - - - - - - - - - - '
        TO FNOTE.
    MOVE SDLSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           F
    COMPUTE SDFSTOT = ((SINSTOT + SADSTOT) -
                 (SDLSTOT + SDCSTOT)).
    MOVE '*** DIFFERENCE $$TOTAL*** - - - - - - - - - - - '
        TO FNOTE.
    MOVE SDFSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
    MOVE '  * CERT. SAL. $ TOTAL *- - - - - - - - - - - - - '
        TO FNOTE.
    MOVE SCNSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           FIBUDCUP
    MOVE '  * N-CERT.SAL.$ TOTAL *- - - - - - - - - - - - - '
        TO FNOTE.
    MOVE STWSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           FIBUDCUP
    MOVE '  * EMP.BEN.    $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE STHSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           FIBUDCUP
    MOVE '  * SUPPLIES    $ TOTAL *- - - - - - - - - - - - - --'
        TO FNOTE.
    MOVE SFOSTOT TO FTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.           FIBUDCUP
```

```
           MOVE '  * MATERIALS  $ TOTAL *- - - - - - - - - - - - - --'
               TO FNOTE.
           MOVE SFISTCT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.        FIBUDCUP
           MOVE '  * REP.&REPL. $ TOTAL *- - - - - - - - - - - - - --'
               TO FNOTE.
           MOVE SSXSTCT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * CAP.OUTLAY $ TOTAL *- - - - - - - - - - - - - --'
               TO FNOTE.
           MOVE SSESTCT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * CONT.SERV. $ TOTAL *- - - - - - - - - - - - - --'
               TO FNOTE.
           MOVE SLISTCT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * OTHER COST $ TOTAL *- - - - - - - - - - - - - --'
               TO FNOTE.
           MOVE SNISTCT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE ZERO TO RSW.
           MOVE ZEROS TO  SFIGS.
       SCHOOL-STOP.
           IF PCDRUN = '001' GO TO DISTRICT-CLOSE.
           IF TDELSTCT = ZEROS GO TO DISTRICT-CLOSE.
           MOVE SPACES TO DELIST.
           WRITE DELIST AFTER POSITIONING 0 LINES.
           MOVE '*** DELETED    $$TOTAL*** - -GENERAL FUND - - - '
               TO FNOTE.
           MOVE TDELSTOT TO FTOT.
           MOVE 'DISTRICT                   ' TO IDSCHN.
           MOVE SCHIDLIN TO PRILLER.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE SPACES TO PRILLER.
           MOVE '  * CERT. SAL. $ TOTAL *- -GENERAL FUND - - - - '
               TO FNOTE.
           MOVE TDONSTOT TO FTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * N-CERT.SAL.$ TOTAL *- -GENERAL FUND - - - - '
               TO FNOTE.
           MOVE TDTWSTOT TO FTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * EMP.BEN.   $ TOTAL *- -GENERAL FUND - - - --'
               TO FNOTE.
           MOVE TDTHSTOT TO FTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * SUPPLIES   $ TOTAL *- -GENERAL FUND - - - --'
               TO FNOTE.
           MOVE TDFOSTOT TO FTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * MATERIALS  $ TOTAL *- -GENERAL FUND - - - --'
               TO FNOTE.
           MOVE TDFISTOT TO FTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * REP.&REPL. $ TOTAL *- -GENERAL FUND - - - --'
               TO FNOTE.
           MOVE TDSXSTOT TO FTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * CAP.OUTLAY $ TOTAL *- -GENERAL FUND - - - --'
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```
         TO FNOTE.
     MOVE TDSESTOT TO FTOT.
     WRITE CELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
     MOVE '  * CONT.SERV. $ TOTAL *- -GENERAL FUND - - - - --'
         TO FNOTE.
     MOVE TDEISTOT TO FTOT.
     WRITE CELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
     MOVE '  * OTHER COST $ TOTAL *- -GENERAL FUND - - - - --'
         TO FNOTE.
     MOVE TDNISTOT TO FTOT.
     WRITE CELIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
     CLOSE CLIST.
 DISTRICT-CLOSE.
     MOVE SPACES TO ITLIST.
     WRITE ITLIST AFTER POSITIONING 0 LINES.                       FIBUDCUP
     MOVE '*** TOTAL RUN DOLLARS  *** - GENERAL FUND- - - -'       FIBUDCUP
         TO FNOTE.                                                 FIBUDCUP
     MOVE TFLSTOT TO FTOT
     MOVE 'DISTRICT                   ' TO IDSCHN.
     MOVE SCHIDLIN TO PRILLER.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.         FIBUDCUP
     MOVE SPACES TO PRILLER.
     MOVE '*** INCREASE    $$TOTAL*** - -GENERAL FUND - - - '      FIBUDCUP
         TO FNOTE.                                                 FIBUDCUP
     MOVE TINSTOT TO FTOT.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.         FIBUDCUP
     MOVE '*** DECREASE    $$TOTAL*** - -GENERAL FUND - - - '      FIBUDCUP
         TO FNOTE.                                                 FIBUDCUP
     MOVE TDCSTOT TO FTOT.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.         FIBUDCUP
     IF PCDRUN NOT = '001'
     MOVE '*** ADDED       $$TOTAL*** - -GENERAL FUND - - - '
         TO FNOTE
     MOVE TADSTOT TO FTOT
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
     MOVE '*** DELETED     $$TOTAL*** - -GENERAL FUND - - - '
         TO FNOTE.                                                 FIBUDCUP
     MOVE TDLSTOT TO FTOT.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.         FIBUDCUP
     COMPUTE TDFSTOT = ((TINSTOT + TADSTOT) -
                       (TDLSTOT + TDCSTOT)).
     MOVE '*** DIFFERENCE $$TOTAL*** - -GENERAL FUND - - '
         TO FNOTE.
     MOVE TDFSTOT TO FTOT.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
     MOVE '  * CERT. SAL. $ TOTAL *- - -GENERAL FUND - - - '
         TO FNOTE.                                                 FIBUDCUP
     MOVE TCNSTOT TO FTOT.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.         FIBUDCUP
     MOVE '  * N-CERT.SAL.$ TOTAL *- - -GENERAL FUND - - - '
         TO FNOTE.                                                 FIBUDCUP
     MOVE TTWSTOT TO FTOT.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.         FIBUDCUP
     MOVE '  * EMP.BEN.   $ TOTAL *- - -GENERAL FUND - - --'
         TO FNOTE.                                                 FIBUDCUP
     MOVE TTHSTOT TO FTOT.
     WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.         FIBUDCUP
     MOVE '  * SUPPLIES   $ TOTAL *- - -GENERAL FUND - - --'
         TO FNOTE.                                                 FIBUDCUP
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           MOVE TFOSTOT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.        FIBUDCUP
           MOVE '  * MATERIALS  $ TOTAL *- - -GENERAL FUND - - --'
               TO FNOTE.                                                 FIBUDCUP
           MOVE TFISTOT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.        FIBUDCUP
           MOVE '  * REP.&REPL. $ TOTAL *- - -GENERAL FUND - - --'
               TO FNOTE.
           MOVE TSXSTOT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * CAP.OUTLAY $ TOTAL *- - -GENERAL FUND - - --'
               TO FNOTE.
           MOVE TSESTOT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * CONT.SERV. $ TOTAL *- - -GENERAL FUND - - --'
               TO FNOTE.
           MOVE TEISTOT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           MOVE '  * OTHER COST $ TOTAL *- - -GENERAL FUND - - --'
               TO FNOTE.
           MOVE TNISTOT TO FTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 2 LINES.
           PERFORM FUND-PRINT VARYING FDSS FROM 1 BY 1
               UNTIL FDSS   80.
           MOVE '***ALL REC. TOTAL    *** - - - - - - - - - - - - - '
               TO NONOTE.
           MOVE RUNTRAN TO NTOT.
           WRITE ITLIST FROM PRTOTLINA AFTER POSITIONING 0 LINES.
           MOVE '***ERASE REC TOT***                                  '
               TO NONOTE.
           MOVE XCUT TO NTOT.
           WRITE ITLIST FROM PRTOTLINA AFTER POSITIONING 2 LINES.
           CLOSE ILIST                                                   FIBUDCUP
           STOP RUN.                                                     FIBUDCUP
       COST-COMP.                                                        FIBUDCUP
           IF BOTRTYP NOT = '1' GO TO COST-TYP2.                         FIBUDCUP
           PERFORM T-ON-LIN.
           IF BOTSAL = SPACES GO TO COST-TYP1.                           FIBUDCUP
           IF BOTSAL IS NOT NUMERIC MOVE ZEROS TO BOTSAL, BOTCOST,
               COSTOT GO TO GOT-COST.
       COST-AA.                                                          FIBUDCUP
           MOVE SALBOT TO XQ.                                            FIBUDCUP
           MOVE XCOST TO COSTOT.                                         FIBUDCUP
           MOVE XCOST TO BOTCOST.
       COST-AB.                                                          FIBUDCUP
           GO TO GOT-COST.                                               FIBUDCUP
       COST-TYP1.                                                        FIBUDCUP
           IF COSTBOT IS NOT NUMERIC MOVE ZEROS TO COSTBOT, COSTOT
               GO TO GOT-COST.
           IF BOTPCT IS NOT NUMERIC MOVE ZEROS TO BOTPCT, COSTOT
               GO TO GOT-COST.
           COMPUTE OTCOST ROUNDED = (BOTCOST * PCTBOT).                  FIBUDCUP
       COST-BA.                                                          FIBUDCUP
           GO TO GOT-COST.                                               FIBUDCUP
       COST-TYP2.                                                        FIBUDCUP
           IF BOTRTYP NOT = '2' GO TO COST-TYP3.                         FIBUDCUP
           PERFORM T-TW-LIN.
           IF BOTASAL = SPACES GO TO C-TYP2A.                            FIBUDCUP
           IF BOTASAL IS NOT NUMERIC MOVE ZEROS TO BOTASAL, COSTOT,
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           BOTCOST GO TO GOT-COST.
       MOVE SALBOTA TO XQ, MOVE XCOST TO COSTOT,BOTCOST.
       MOVE '000100' TO BOTPCT.
       GO TO GOT-COST.                                                  FIBUDCUP
   C-TYP2A.                                                             FIBUDCUP
       IF BOTACOST = SPACES GO TO C-TYP2B.
       GO TO COST-TYP1.
   C-TYP2B.                                                             FIBUDCUP
       IF BOTASHR IS NOT NUMERIC MOVE ZEROS TO
           BOTASHR, BOTACOST, COSTOT GO TO GOT-COST.
       IF BOTAHRDA IS NOT NUMERIC MOVE ZEROS TO
           BOTAHRDA, BOTACOST, COSTOT GO TO GOT-COST.
       IF BOTADAYR IS NOT NUMERIC MOVE ZEROS TO
           BOTADAYR, BOTACOST, COSTOT GO TO GOT-COST.
       COMPUTE BOTACOST ROUNDED = (HRSBOTA * HRDABOTA * DAYRBOTA).      FIBUDCUP
       IF BOTPCT = SPACES OR ZEROS MOVE '000100' TO BOTPCT
           COMPUTE OTCOST ROUNDED =
         ((HRSBOTA * HRDABOTA * DAYRBOTA) * BOTAPCT)
           GO TO GOT-COST.
       IF BOTPCT IS NUMERIC COMPUTE OTCOST ROUNDED =
         ((HRSBOTA * HRDABOTA * DAYRBOTA) * BOTAPCT)
           GO TO GOT-COST.
       MOVE '000100' TO BOTPCT.
       COMPUTE OTCOST ROUNDED =
         ((HRSBOTA * HRDABOTA * DAYRBOTA) * BOTAPCT)
       GO TO GOT-COST.
   COST-TYP3.                                                           FIBUDCUP
       IF BOTRTYP NOT = '3' GO TO COST-TYP4.                            FIBUDCUP
       PERFORM T-TH-LIN.
       IF BOTBPCT NOT = SPACES GO TO C-TYP3A.                           FIBUDCUP
       MOVE BOTBCOST TO COSTOT.
       GO TO GOT-COST.                                                  FIBUDCUP
   C-TYP3A.                                                             FIBUDCUP
       GO TO COST-TYP1.
   COST-TYP4.                                                           FIBUDCUP
       IF COSTBOT IS NUMERIC AND COSTBOT   ZEROS NEXT SENTENCE
           ELSE MOVE ZEROS TO COSTBOT, COSTOT.
       IF BOTCQUAN = SPACES OR ZEROS MOVE '0001' TO BOTCQUAN.
       IF BOTCQUAN IS NOT NUMERIC MOVE '0001' TO BOTCQUAN.
       IF BOTCPCT = SPACES OR ZEROS MOVE '100' TO BOTCPCT.
       IF BOTCPCT IS NOT NUMERIC MOVE '100' TO BOTCPCT.
       IF BOTRTYP NOT = '4' GO TO COST-TYP5.                            FIBUDCUP
       PERFORM T-FO-LIN.
   C-TYP4.                                                              FIBUDCUP
       IF COSTBOT = SPACES OR ZEROS MOVE ZEROS TO COSTBOT, OTCOST,
               GO TO GOT-COST.
       IF BOTCPCT = SPACES OR ZEROS
          COMPUTE OTCOST ROUNDED = (BOTCCOST * QUANBOTC) ELSE
          COMPUTE OTCOST ROUNDED = (BOTCCOST * QUANBOTC * CBOTPCT).
       GO TO GOT-COST.                                                  FIBUDCUP
   COST-TYP5.                                                           FIBUDCUP
       PERFORM T-FI-LIN.
   C-TYPE5.                                                             FIBUDCUP
       IF COSTBOT = SPACES OR ZEROS MOVE ZEROS TO COSTBOT, OTCOST,
               GO TO GOT-COST.
       IF BOTDPCT = SPACES OR ZEROS
          COMPUTE OTCOST ROUNDED = (BOTDCOST * DBOTQUAN) ELSE
          COMPUTE OTCOST ROUNDED = (BOTDCOST * DBOTQUAN * DBOTPCT).
   GOT-COST.                                                            FIBUDCUP
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    ADD 1 TO RUNTRAN.
    ADD OTCOST TO CRSSTOT.
    ADD OTCOST TO SPROSTOT.
    ADD OTCOST TO PRASTOT, PROSTOT.
    ADD OTCOST TO FUNDOL (BOTFUNN).
    ADD OTCOST TO SFLSTOT.
    IF BCTFUN = '10' ADD OTCOST TO TFLSTOT.
BILD-HDIC-LINE                                                  FIBUDCUP
    MOVE BCTPRCCN TO WKSPRI, MOVE ZERO TO WKPRI.
    MOVE BCTPRA TO WKPA, SCHPRNO.
    MOVE PRWDS (NWKPR, NWKPA) TO SCHPRA.
    MOVE PRTABNAM (NWKPR) TO ITPRNAME.
    MOVE BCTPRC TO WSPRO.
    SUBTRACT 9 FROM SWPRO.
    MOVE SP (SWPRC) TO ITSPRNAM.
    MOVE BCTPRC TO ITSSPR.
    MOVE PCDSCHNO TO SCHID.
    MOVE PCDDIST TO SCHDIST, ITDIST.
    MOVE PCDSCH TO SCHNAME.
    PERFORM FIND-ORG THRU FD-ORG-EXIT.
    MOVE SCHCRSHD TO ITCCRS.                                    FIBUDCUP
    MOVE SCHNAME TO ITSCH.                                      FIBUDCUP
    MOVE PCDRUN TO ITXE.
    IF RSW = 1 MOVE '*1 ' TO ITCF ELSE MOVE SPACES TO ITCF.
    ADD 1 TO ITPGE.                                             FIBUDCUP
BILD-DET-LINI.                                                  FIBUDCUP
    MOVE BCTYR  TO  PFYR.                                       FIBUDCUP
    MOVE BCTFUN TO  PFUN.                                       FIBUDCUP
    MOVE BCTORG TO  PORG.                                       FIBUDCUP
    MOVE BCTPRC TO  PPROG.                                      FIBUDCUP
    MOVE BCTPRA TO  PPRAR.                                      FIBUDCUP
    MOVE BCTCRS TO  PCRS.                                       FIBUDCUP
    MOVE BCTEXP TO  PEXP.                                       FIBUDCUP
    MOVE BCTSEC TO  PSEQ.                                       FIBUDCUP
    MOVE BCTCOST TO AXDOLLS.
    MOVE AXCOST TO PUNCST                                       FIBUDCUP
    MOVE OTCOST TO AXDOLLS.
    MOVE AXCOST TO PTCOST.
    IF BCTRTYP = '1' PERFORM T-ON-LIN.
    IF BCTRTYP = '2' PERFORM T-TW-LIN.
    IF BCTRTYP = '3' PERFORM T-TH-LIN.
    IF BCTRTYP = '4' PERFORM T-FO-LIN.
    IF BCTRTYP = '5' PERFORM T-FI-LIN.
    IF BCTRTYP = '4' OR '5'                                     FIBUDCUP
    MOVE BCTCQUAN TO PVNO, MOVE CBOTPCT TO  ZEROPC
        MOVE PCTWK TO PNOUN ELSE
            MOVE BCTBPCT TO PNOUN.                              FIBUDCUP
    IF BCTRCOD NOT = SPACE MOVE BOTRCOD TO PAST
                ELSE MOVE SPACE TO PAST.
    MOVE BCTRUNON TO PRNO.
COURSE-BREAK.                                                   FIBUDCUP
    MOVE SPACES TO ITLIST.                                      FIBUDCUP
    WRITE ITLIST AFTER POSITIONING 1 LINES.
    MOVE ACCSCRS TO FOTCRS.
    MOVE CTFOOT TO FNOTE.
    MOVE CRSSTCT TO FTOT.
    MOVE ZEROS TO CRSSTOT.
    WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.       FIBUDCUP
    MOVE SPACES TC ITLIST.                                      FIBUDCUP
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           MOVE SPACES TO ITLIST.
           ADD 3 TO PGRP.
           IF PGRP   49 MOVE ZERO TO I-HD-IND, MOVE ZERO TO PGRP.
       PROGAREA-BREAK.                                                  FIBUDCUP
           MOVE SPACES TO ITLIST.                                       FIBUDCUP
           WRITE ITLIST AFTER POSITIONING 1 LINES.                      FIBUDCUP
           MOVE ACCSSPROCN TO WKSPR1, MOVE ZERO TO WKPR1.
           MOVE ACCSPRA TO WKPA.
           MOVE PRWDS (NWKPR, NWKPA) TO SCHPRA.
           MOVE SCHPRA TO FOTPRA.
           MOVE PRAFOOT TO FNOTE.
           MOVE PRASTOT TO FTOT.
           MOVE ZEROS TO PRASTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.        FIBUDCUP
           MOVE SPACES TO ITLIST.                                       FIBUDCUP
           MOVE ZEROS TO IGRP, PGRP, I-HD-IND.
       SPRO-BREAK.
           MOVE SPACES TO ITLIST.
           WRITE ITLIST AFTER POSITIONING 1 LINES.
           MOVE ACCSPRO TO WSPRO.
           SUBTRACT 9 FROM SWPRO.
           MOVE SP (SWPRO) TO FOTSPRO.
           MOVE SPRFOOT TO FNOTE.
           MOVE SPROSTOT TO FTOT.
           MOVE ZEROS TO SPROSTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.
           MOVE SPACES TO ITLIST, PRTOTLIN.
           MOVE ZERO TO IGRP, PGRP, I-HD-IND.
       PROG-BREAK.
           MOVE SPACES TO ITLIST.
           WRITE ITLIST AFTER POSITIONING 1 LINES.
           MOVE PRTABNAM (ACCSSPROCN) TO FOOTPRA.
           MOVE PRFOOT TO FNOTE.
           MOVE PROSTOT TO FTOT.
           MOVE ZEROS TO PROSTOT.
           WRITE ITLIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.
           MOVE SPACES TO ITLIST, PRTOTLIN.
           MOVE ZERO TO IGRP, PGRP, I-HD-IND.
       D-CRS-BRK.
           MOVE SPACES TO DELIST.
           WRITE DELIST AFTER POSITIONING 1 LINES.
           MOVE DACCRS TO FOTCRS.
           MOVE CTFOOT TO FNOTE.
           MOVE  DELCRSSTOT TO FTOT.
           MOVE ZEROS TO DELCRSSTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.
           MOVE SPACES TO DELIST.
           ADD DIGRP TO DPGRP.
           MOVE ZEROS TO DIGRP.
           ADD 3 TO DPGRP.
             IF DPGRP   49 MOVE ZERO TO D-HD-IND, MOVE ZEROS TO DPGRP.
       D-PRAR-BREAK.
           MOVE SPACES TO DELIST.
           WRITE DELIST AFTER POSITIONING 1 LINES.
           MOVE DACPROCN TO WKSPR1, MOVE ZERO TO WKPR1.
           MOVE DACPRA TO WKPA.
           MOVE PRWDS  (NWKPR, NWKPA) TO FOTPRA.
           MOVE PRAFOOT TO FNOTE.
           MOVE DELPRASTOT TO FTOT.
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           MOVE ZEROS TO DELPRASTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.
           MOVE SPACES TO DELIST.
           MOVE ZEROS TO DIGRP, DPGRP, D-HD-IND.
       D-SPRO-BREAK.
           MOVE SPACES TO DELIST.
           WRITE DELIST AFTER POSITIONING 1 LINES.
           MOVE DACPRO TO WSPRO.
           SUBTRACT 9 FROM SWPRO.
           MOVE SP (SWPRO) TO FOTSPRO.
           MOVE SPRFOOT TO FNOTE.
           MOVE DELSPROSTOT TO FTOT.
           MOVE ZEROS TO DELSPROSTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.
           MOVE SPACES TO DELIST, PRTOTLIN.
           MOVE ZEROS TO DIGRP, DPGRP, D-HD-IND.
       D-PROG-BREAK.
           MOVE SPACES TO DELIST.
           WRITE DELIST AFTER POSITIONING 1 LINES.
           MOVE PRTABNAM (DACPROCN) TO FOOTPRA.
           MOVE PRFOOT TO FNOTE.
           MOVE DELPROSTOT TO FTOT.
           MOVE ZEROS TO DELPROSTOT.
           WRITE DELIST FROM PRTOTLIN AFTER POSITIONING 1 LINES.
           MOVE SPACES TO DELIST, PRTOTLIN.
           MOVE ZEROS TO DIGRP, DPGRP, D-HD-IND.
       D-REC-LIST.                                                      FIBUDCUP
           IF D-HD-IND = 0,PERFORM D-HD-ROUT, MOVE 1 TO D-HD-IND.       FIBUDCUP
           PERFORM BILD-DET-LINI.                                       FIBUDCUP
           ADD 2 TO DPGRP.
           WRITE DELIST FROM PRBUDDET AFTER POSITIONING 2 LINES.
           MOVE SPACES TO DELIST, PRBUDDET.
           IF DPGRP ) 50 GO TO D-REC-LIST-EXIT.
           MOVE 0 TO DPGRP                                              FIBUDCUP
           MOVE 0 TO D-HD-IND.
       D-REC-LIST-EXIT. EXIT.                                           FIBUDCUP
       D-HD-ROUT.                                                       FIBUDCUP
           ADD 1 TO DITPGE.
           WRITE DELIST FROM PRBUDITDE AFTER POSITIONING 0 LINES.
           MOVE ITPGE TO SAVITPGE.
           PERFORM BILD-HDID-LINE.                                      FIBUDCUP
           MOVE DITPGE TO ITPGE.
           MOVE DACPROCN TO WKSPR1, MOVE ZERO TO WKPR1.
           MOVE DACPRA TO WKPA.
           MOVE PRWDS (NWKPR, NWKPA) TO SCHPRA.
           MOVE PRODAC TO SWPRO.
           SUBTRACT 9 FROM SWPRO.
           MOVE SP (SWPRO) TO ITSPRNAM.
           MOVE DACPRO TO ITSSPR.
           WRITE DELIST FROM PRBUITC AFTER POSITIONING 1 LINES.         FIBUDCUP
           MOVE SAVITPGE TO ITPGE.
           WRITE DELIST FROM PRBUDITD AFTER POSITIONING 1 LINES.        FIBUDCUP
           MOVE SPACES TO DELIST.                                       FIBUDCUP
           WRITE DELIST FROM COLBRK AFTER POSITIONING 1 LINES.
           MOVE SPACES TO DELIST.
       I-REC-LIST.                                                      FIBUDCUP
           IF I-HD-IND = 0  PERFORM I-HD-ROUT, MOVE 1 TO I-HD-IND.      FIBUDCUP
           PERFORM BILD-DET-LINI.                                       FIBUDCUP
           ADD 2 TO PGRP.
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           WRITE ITLIST FROM PRBUDDET AFTER POSITIONING 2 LINES.
           MOVE SPACES TO ITLIST, PRBUDDET.
           IF PGRP ) 50 GO TO I-REC-LIST-EXIT.
           MOVE 0 TO I-HD-IND.
           MOVE 0 TO PGRP.                                              FIBUDCUP
       I-REC-LIST-EXIT. EXIT.                                           FIBUDCUP
       I-HD-ROUT.                                                       FIBUDCUP
           WRITE ITLIST FROM PRBUDIT AFTER POSITIONING 0 LINES.         FIBUDCUP
           PERFORM BILD-HDID-LINE.                                      FIBUDCUP
           WRITE ITLIST FROM PRBUITC AFTER POSITIONING 2 LINES.         FIBUDCUP
           WRITE ITLIST FROM PRBUDITD AFTER POSITIONING 1 LINES.        FIBUDCU
           MOVE SPACES TO ITLIST.                                       FIBUDCUP
           WRITE ITLIST FROM COLBRK AFTER POSITIONING 1 LINES.
           MOVE SPACES TO ITLIST.
           WRITE ITLIST AFTER POSITIONING 1 LINES.                      FIBUDCUP
       I-HD-ROUT-EXIT. EXIT.
       T-ON-LIN.
           MOVE BCTTCOD TO PATCOD.
           MOVE BCTTNAM TO PATNAM.
           MOVE BCTCNAM TO PACNAM.
           MOVE NFONOA TO BOTFONO, PAFONO.
       T-TW-LIN.
           MOVE BCTAPCOD TO PBPCOD.
           MOVE BCTANAME TO PBNAME.
           MOVE BCTASHR TO PBRATE.
           MOVE BCTAHRDA TO PBHOURS.
           MOVE BCTADAYR TO PBDAYYR.
           MOVE NFONOB TO BOTFONO, PAFONO.
       T-TH-LIN.
           MOVE BCTBDESC TO PDESC.
           MOVE NFONOC TO BOTFONO, PAFONO.
       T-FO-LIN.
           MOVE BCTCDESC TO PCDES.
           MOVE BCTCCATNO TO PCCATNO.
           MOVE BCTCVNO TO PCVNO.
           MOVE NFONOD TO BOTFONO, PAFONO.
       T-FI-LIN.
           MOVE BCTDPUBNC TO PDPUB.
           MOVE BCTDAUTH TO PDAUT.
           MOVE BCTDTIT TO PDTIT.
           MOVE NFONOE TO BOTFONO, PAFONO.
       UPDATE-OTREC.
           IF BOTRTYP NOT = '1' GO TO UPD-CHK-2.
           IF ATCHID NOT = SPACES MOVE ATCHID TO BOTTCOD.
           IF BCTTCOD       = 'X' MOVE SPACES TO BOTTCOD.
           IF ATCHR  NOT = SPACES MOVE ATCHR  TO BOTTNAM.
           IF BCTTNAM       = 'X' MOVE SPACES TO BOTTNAM.
           IF ACRS   NOT = SPACES MOVE ACRS TO BOTCNAM.
           IF BCTCNAM       = 'X' MOVE SPACES TO BOTCNAM.
           IF ACPT   NOT = SPACES MOVE AOPT TO BOTOCOD.
           IF BCTCCOD       = 'X' MOVE SPACES TO BOTOCOD.
           IF ASAL   IS NUMERIC AND ASAL   ZEROS MOVE ASAL TO BOTSAL.
           IF BOTSAL        = 'X' MOVE SPACES TO BOTSAL.
           IF APCT   IS NUMERIC AND APCT   ZEROS MOVE APCT TO BOTPCT.
           IF BCTPCT        = 'X' MOVE SPACES TO BOTPCT.
           IF ACOST  IS NUMERIC AND ACOST   ZEROS
               MOVE ACOST TO COSTBOT MOVE SPACES TO BOTSAL.
           IF COSTBOT       = 'X' MOVE SPACES TO COSTBOT.
           IF AFO NOT = SPACES MOVE AFO TO BOTFONO, NAFONO.
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         IF BOTFONO          = 'X' MOVE SPACES TO BOTFONO, NAFONO.
         GO TO UPD-DONE.
     UPD-CHK-2.
         IF BOTRTYP NOT = '2' GO TO UPD-CHK-3.
         IF BPOS NOT = SPACES MOVE BPOS TO BOTAPCOD.
         IF BOTAPCOD         = 'X' MOVE SPACES TO BOTAPCOD.
         IF BNAM NOT = SPACES MOVE BNAM TO BOTANAME.
         IF BOTANAME         = 'X' MOVE SPACES TO BOTANAME.
         IF BFO NOT = SPACES MOVE BFO TO BOTFONO, NBFONO.
         IF BOTFONO          = 'X' MOVE SPACES TO BOTFONO, NBFONO.
         IF BSAL IS NUMERIC AND BSAL   ZEROS MOVE BSAL TO BOTASAL.
         IF BOTASAL          = 'X' MOVE SPACES TO BOTASAL.
         IF DOLHRB IS NUMERIC AND DOLHRB   ZEROS
             MOVE SPACES TO COSTBOT
             MOVE DOLHRB TO BOTASHR.
         IF BOTASHR          = 'X' MOVE SPACES TO BOTASHR.
         IF HRSDAB IS NUMERIC AND HRSDAB   ZEROS
             MOVE SPACES TO COSTBOT
             MOVE HRSDAB TO BOTAHRDA.
         IF BOTAHRDA         = 'X' MOVE SPACES TO BOTAHRDA.
         IF DAYYRB IS NUMERIC AND DAYYRB   ZEROS
             MOVE SPACES TO COSTBOT
             MOVE DAYYRB TO BOTADAYR.
         IF BOTADAYR         = 'X' MOVE SPACES TO BOTADAYR.
         IF APCT IS NUMERIC AND APCT   ZEROS MOVE APCT TO BOTPCT.
         IF BOTPCT           = 'X' MOVE SPACES TO BOTPCT
         IF ACOST IS NUMERIC AND ACOST   ZEROS
             MOVE ACOST TO COSTBOT MOVE SPACES TO BOTSAL.
         IF COSTBOT          = 'X' MOVE SPACES TO COSTBOT.
         GO TO UPD-DONE.
     UPD-CHK-3.
         IF BOTRTYP NOT = '3' GO TO UPD-CHK-4.
         IF CDESCR NOT = SPACES MOVE CDESCR TO BOTBDESC.
         IF CPCT IS NUMERIC AND CPCT   ZEROS MOVE CPCT TO BOTBPCT.
         IF CCOST IS NUMERIC AND CCOST   ZEROS
             MOVE CCOST TO COSTBOT.
         GO TO UPD-DONE.
     UPD-CHK-4.
         IF BOTRTYP NOT = '4' GO TO UPD-CHK-5.
         IF DVNO NOT = SPACES MOVE DVNO TO BOTCVNO.
         IF BOTCVNO          = 'X' MOVE SPACES TO BOTCVNO.
         IF DDES NOT = SPACES MOVE DDES TO BOTCDESC.
         IF BOTCDESC         = 'X' MOVE SPACES TO BOTCDESC.
         IF DCAT NOT = SPACES MOVE DCAT TO BOTCCATNO.
         IF BOTCCATNO        = 'X' MOVE SPACES TO BOTCCATNO.
         IF DFO NOT = SPACES MOVE DFO TO BOTFONO, NDFONO.
         IF BOTFONO          = 'X' MOVE SPACES TO BOTFONO, NDFONO.
         IF DPCT IS NUMERIC AND DPCT   ZEROS MOVE DPCT TO BOTCPCT.
         IF BOTCPCT          = 'X' MOVE SPACES TO BOTCPCT.
         IF DQUAN IS NUMERIC AND DQUAN   ZEROS
             MOVE DQUAN TO BOTCQUAN.
         IF BOTCQUAN         = 'X' MOVE SPACES TO BOTCQUAN.
         IF DCOST IS NUMERIC AND DCOST   ZEROS
             MOVE DCOST TO COSTBOT.
         IF COSTBOT          = 'X' MOVE SPACES TO COSTBOT.
         GO TO UPD-DONE.
     UPD-CHK-5.
         IF EPNO NOT = SPACES MOVE EPNO TO BOTDPUBNO.
         IF BOTDPUBNO        = 'X' MOVE SPACES TO BOTDPUBNO.
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    IF EAUTH NOT = SPACES MOVE EAUTH TO BOTDAUTH.
    IF BOTDAUTH      = 'X' MOVE SPACES TO BOTDAUTH.
    IF ETITL NOT = SPACES MOVE ETITL TO BOTDTIT.
    IF BOTDTIT       = 'X' MOVE SPACES TO BOTDTIT.
    IF EFO NOT = SPACES MOVE EFO TO BOTFONO, NEFONO.
    IF BOTFONO       = 'X' MOVE SPACES TO BOTFONO, NEFONO.
    IF EPCT IS NUMERIC AND EPCT   ZEROS
        MOVE EPCT TO BOTDPCT.
    IF BOTDPCT       = 'X' MOVE SPACES TO BOTDPCT.
    IF EQUAN IS NUMERIC AND EQUAN   ZEROS
        MOVE EQUAN TO BOTDQUAN.
    IF BOTDQUAN      = 'X' MOVE SPACES TO BOTDQUAN.
    IF ECOST IS NUMERIC AND ECOST   ZEROS
        MOVE ECOST TO COSTBOT.
    IF COSTBOT       = 'X' MOVE SPACES TO COSTBOT.
UPD-DONE. EXIT.
BILD-TITLES.
    READ PCARD AT END GO TO END-TITLES.
    IF PCPRO = '04' AND PCPRA = '60' PERFORM BILD-LAST
                                    GO TO END-TITLES.
BILD-LAST.
    MOVE PCPRO TO WKPR.
    MOVE PCPRA TO WKPA.
    MOVE PCPRAWDS TO WKWORD.
    MOVE WKWD TO DATAWD (NWKPR, NWKPA).
BILD-LST.
    GO TO BILD-TITLES.
END-TITLES. EXIT.
EXP-ADD.
    IF BOTEXP ) '2000' ADD OTCOST TO SONSTOT, TONSTOT
                       GO TO EXPADDOUT.
    IF BOTEXP ) '3000' ADD OTCOST TO STWSTOT, TTWSTOT
                       GO TO EXPADDOUT.
    IF BOTEXP ) '4000' ADD OTCOST TO STHSTOT, TTHSTOT
                       GO TO EXPADDOUT.
    IF BOTEXP ) '5000' ADD OTCOST TO SFOSTOT, TFOSTOT
                       GO TO EXPADDOUT.
    IF BOTEXP ) '6000' ADD OTCOST TO SFISTOT, TFISTOT
                       GO TO EXPADDOUT.
    IF BOTEXP ) '7000' ADD OTCOST TO SSXSTOT, TSXSTOT
                       GO TO EXPADDOUT.
    IF BOTEXP ) '8000' ADD OTCOST TO SSESTOT, TSESTOT
                       GO TO EXPADDOUT.
    IF BOTEXP ) '9000' ADD OTCOST TO SEISTOT, TEISTOT
                       GO TO EXPADDOUT.
    ADD OTCOST TO SNISTOT, TNISTOT.
EXPADDOUT. EXIT.
DEX-ADD.
    IF BOTEXP ) '2000' ADD OTCOST TO SDONSTOT, TDONSTOT
                     GO TO DEXADDOUT.
    IF BOTEXP ) '3000' ADD OTCOST TO SDTWSTOT, TDTWSTOT
                     GO TO DEXADDOUT.
    IF BOTEXP ) '4000' ADD OTCOST TO SDTHSTOT, TDTHSTOT
                     GO TO DEXADDOUT.
    IF BOTEXP ) '5000' ADD OTCOST TO SDFOSTOT, TDFOSTOT
                     GO TO DEXADDOUT.
    IF BOTEXP ) '6000' ADD OTCOST TO SDFISTOT, TDFISTOT
                     GO TO DEXADDOUT.
    IF BOTEXP ) '7000' ADD OTCOST TO SDSXSTOT, TDSXSTOT
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                     GO TO DEXADDOUT.
     IF BCTEXP ) '8000' ADD OTCOST TO SDSESTOT, TDSESTOT
                     GO TO DEXADDOUT.
     IF BCTEXP ) '9000' ADD OTCOST TO SDEISTOT, TDEISTOT
                     GO TO DEXADDOUT.
     ADD OTCOST TO SDNISTOT, TDNISTOT.
 DEXADDOUT. EXIT.
 FEXP-ADD.
     IF BCTEXP ) '2000' ADD OTCOST TO SONSTOT,
                        GO TO FEXPADDOUT.
     IF BCTEXP ) '3000' ADD OTCOST TO STWSTOT,
                        GO TO FEXPADDOUT.
     IF BCTEXP ) '4000' ADD OTCOST TO STHSTOT,
                        GO TO FEXPADDOUT.
     IF BCTEXP ) '5000' ADD OTCOST TO SFOSTOT,
                        GO TO FEXPADDOUT.
     IF BCTEXP ) '6000' ADD OTCOST TO SFISTOT,
                        GO TO FEXPADDOUT.
     IF BCTEXP ) '7000' ADD OTCOST TO SSXSTOT,
                        GO TO FEXPADDOUT.
     IF BCTEXP ) '8000' ADD OTCOST TO SSESTOT,
                        GO TO FEXPADDOUT.
     IF BCTEXP ) '9000' ADD OTCOST TO SEISTOT,
                        GO TO FEXPADDOUT.
     ADD OTCOST TO SNISTOT.
 FEXPADDOUT. EXIT.
 FDEX-ADD.
     IF BCTEXP ) '2000' ADD OTCOST TO SDONSTOT,
                        GO TO FDEXADDOUT.
     IF BCTEXP ) '3000' ADD OTCOST TO SDTWSTOT,
                        GO TO FDEXADDOUT.
     IF BCTEXP ) '4000' ADD OTCOST TO SDTHSTOT,
                        GO TO FDEXADDOUT.
     IF BCTEXP ) '5000' ADD OTCOST TO SDFOSTOT,
                        GO TO FDEXADDOUT.
     IF BCTEXP ) '6000' ADD OTCOST TO SDFISTOT,
                        GO TO FDEXADDOUT.
     IF BCTEXP ) '7000' ADD OTCOST TO SDSXSTOT,
                        GO TO FDEXADDOUT.
     IF BCTEXP ) '8000' ADD OTCOST TO SDSESTOT,
                        GO TO FDEXADDOUT.
     IF BCTEXP ) '9000' ADD OTCOST TO SDEISTOT,
                        GO TO FDEXADDOUT.
     ADD OTCOST TO SDNISTOT.
 FDEXADDOUT. EXIT.
 BILD-ORG.
     READ PCARD AT END GO TO END-ORG.
     IF PCORG = '999' GO TO END-ORG.
     ADD 1 TO ORGSS.
     IF ORGSS   50 DISPLAY 'EXCESS ORG NAME CARD', PARC,
                          GO TO BILD-ORG.
     MOVE PCORG TO ORGNUM (ORGSS).
     MOVE PCSCH TO ORGNAM (ORGSS).
     GO TO BILD-ORG.
 END-ORG. EXIT.
 FIND-ORG.
     ADD 1 TO ORGSS.
     IF ORGSS   50 GO TO FDA-ORG.
     IF ORGNUM (ORGSS) = '999' GO TO FDA-ORG.
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     IF BOTORG NOT = ORGNUM (ORGSS) GO TO FIND-ORG.
     MOVE ORGNUM (ORGSS) TO SCHID.
     MOVE ORGNAM (ORGSS) TO SCHNAME.
 FD-ORG.
     MOVE ZEROS TO ORGSS.
 FD-ORG-EXIT. EXIT.
 FDA-ORG.
     MOVE '999' TO SCHID.
     MOVE 'SCHOOL NO NAME                    ' TO SCHNAME.
     GO TO FD-ORG.
 FUND-PRINT.
     IF FUNDOL (FDSS) NOT = ZEROS
          MOVE FOWD (FDSS) TO FDPRT,
          MOVE FUNDOL (FDSS) TO FDTOTP,
          WRITE ITLIST FROM FDLINE AFTER POSITIONING 2 LINES,
          MOVE SPACES TO ITLIST.
 BILD-FUNDS.
     READ PCARD AT END GO TO END-FUND-ERR.
     IF PCPRO = 'FD' GO TO CHK-FD-LIM.
     DISPLAY 'FUND TITLE CARD NOT IDENTIFIED', PARC.
     GO TO CLOSE-CARDA.
 CHK-FD-LIM.
     IF PCFUN = '99' AND PCPRO = 'FD' GO TO END-FUNDS-EXIT.
     IF PCFUN > '09' AND PCFUN < '99' NEXT SENTENCE ELSE
          DISPLAY 'FUND TITLE OUT OF LIMITS', PARC,
          GO TO BILD-FUNDS.
     IF PCFUN IS NUMERIC MOVE PCWORDS TO FDWD (PCFUNN)
          GO TO BILD-FUNDS.
     DISPLAY 'NOT NUMERIC FUND NO ', PARC.
     GO TO BILD-FUNDS.
 END-FUNDS-EXIT. EXIT.
 END-FUND-ERR.
     DISPLAY 'EOF ERROR NO SUB-PRO OR DEPT CARDS'.
     GO TO CLOSE-CARDA.
 BILD-SUBPRO.
     READ PCARD AT END GO TO END-SUBS.
     IF PCFUN = 'SP' GO TO CHK-LIMIT.
     DISPLAY 'SUB-PROGRAM DIVIDER CARD MISSING'.
     GO TO CLOSE-CARDA.
 CHK-LIMIT.
     IF PCPRO = '99' AND PCPRA = '99' GO TO END-SPRC.
     IF PCPRO > '09' NEXT SENTENCE ELSE
     DISPLAY 'BAD PROGRAM CARD'
     DISPLAY PARC
     GO TO CLOSE-CARDA.
     MOVE PCPRO TO WSPRO.
     SUBTRACT 9 FROM SWPRO.
     MOVE SPRTIT TO SP (SWPRO).
     GO TO BILD-SUBPRO.
 END-SPRO.
     MOVE ZEROS TO SWPRO.
 END-SUBS. EXIT.
 CLOSE-CARDA.
     CLOSE PCARD.
     STOP RUN.
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IDENTIFICATION DIVISION.
PROGRAM-ID. FISELECT.
AUTHOR. JERRY TRAEGER.
INSTALLATION. IOWA EDUCATIONAL INFORMATION CENTER.
DATE-WRITTEN. JANUARY 24, 1972.
DATE-COMPILED.
REMARKS. PROGRAM INPUTS MIS BUDGET FILE AND PULL RECS PARAMETER
     CARDS TO IDENTIFY RECORDS TO BE SELECTED AND WRITTEN ONTO
     AN OUTPUT FILE.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-360.
OBJECT-COMPUTER. IBM-360.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
     SELECT PARM-FILE ASSIGN TO UT-S-SYSIN.
     SELECT FIN-FILE ASSIGN TO UT-S-BUDIN.
     SELECT OUT-FILE ASSIGN TO UT-S-PULLOUT.
DATA DIVISION.
FILE SECTION.
FD  PARM-FILE,
     RECORD CONTAINS 80 CHARACTERS, RECORDING MODE IS F,
     LABEL RECORDS ARE OMITTED,
     DATA RECORDS ARE PARM-CD.
01  PARM-CD.
     03  PARM-CHAR PIC X OCCURS 71 TIMES.
     03  CONTIN PIC X.
     03  FILLER PIC X(8).
FD  FIN-FILE,
     RECORDING MODE IS F, RECORD CONTAINS 121 CHARACTERS,
     LABEL RECORDS ARE STANDARD,
     BLOCK CONTAINS 60 RECORDS,
     DATA RECORD IS FIN-REC.
01  FIN-REC.
     03  IN-CHAR PIC X OCCURS 121 TIMES.
FD  OUT-FILE,
     RECORDING MODE IS F, RECORD CONTAINS 121 CHARACTERS,
     LABEL RECORDS ARE STANDARD,
     BLOCK CONTAINS 60 RECORDS,
     DATA RECORD IS OUT-REC.
01  OUT-REC.
     03  FILLER PIC X(121).
WORKING-STORAGE SECTION.
77  PARM-CTR PIC 99 VALUE ZEROS.
77  RECS-READ PIC 9(5) VALUE ZEROS.
77  NO-SELECTED PIC 9(5) VALUE ZEROS.
77  G-CTR PIC S999 USAGE COMP, SYNC, VALUE ZEROS.
77  FLD-CTR PIC S999 USAGE COMP, SYNC, VALUE ZEROS.
77  CTR PIC S99 USAGE COMP, SYNC, VALUE ZEROS.
77  TBL-CTR PIC S99 USAGE COMP, SYNC, VALUE ZEROS.
77  WK-CTR PIC S999 USAGE COMP, SYNC, VALUE ZEROS.
77 IN-CTR PIC S999 USAGE COMP, SYNC, VALUE ZEROS.
77  INDIC PIC X VALUE SPACE.
77  NO-CTR PIC S999 USAGE COMP, SYNC, VALUE ZEROS.
77  TBL-1 PIC S99 USAGE COMP, SYNC, VALUE ZEROS.
77  H-CTR PIC S999 USAGE COMP, SYNC, VALUE ZEROS.
01  CTL-FLDS.
     03  CTLS OCCURS 25 TIMES.
         05  POS PIC 999.
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           05  LNGTH PIC 999.
           05  OPER PIC X.
           05  FLD PIC X(121).
       01  WORK-AREA.
           03  FLD-POS PIC 999.
           03  FLD-LNGTH PIC 999.
           03  FLD-OPER PIC X.
           03  FLD-FLD PIC X(121).
       01  WORK-FLD.
           03  FLD-HOLD PIC X(121).
       01  FLD-WORK REDEFINES WORK-FLD.
           03  HOLD-FLD OCCURS 121 TIMES PIC X.
       01  WORK-PULL.
           03  PULL-HOLD PIC X(10).
       01  PULL-WORK REDEFINES WORK-PULL.
           03  HOLD-PULL OCCURS 10 TIMES, PIC X.
       01  WORK-HOLD.
           03  HOLD-AREA PIC XXX.
       01  HOLD-WORK REDEFINES WORK-HOLD.
           03  HOLD-CHAR OCCURS 3 TIMES PIC X.
       01  NUMB-DIGITS.
           03  NUM-3 PIC 999 VALUE ZERO.
       01  CHAR-3 REDEFINES NUMB-DIGITS.
           03  X-3 PIC X OCCURS 3 TIMES.
       PROCEDURE DIVISION.
           OPEN INPUT PARM-FILE, FIN-FILE, OUTPUT OUT-FILE.
           MOVE SPACES TO OUT-REC, FLD-HOLD, PULL-HOLD, WORK-HOLD.
           PERFORM CLEAR-TABLE VARYING CTR FROM 1 BY 1 UNTIL CTR   25.
       READ-PARMS.
           READ PARM-FILE AT END GO TO PREMATURE-END.
           DISPLAY PARM-CD.
           ADD 1 TO PARM-CTR.
           MOVE 1 TO IN-CTR, WK-CTR.
           IF PARM-CTR = 1 GO TO LOOK-FOR-PULL-PARMS.
           GO TO CONTIN-CARD.
       LOOK-FOR-PULL-PARMS.
           IF PARM-CHAR (IN-CTR) = SPACE ADD 1 TO IN-CTR,
               GO TO LOOK-FOR-PULL-PARMS.
           PERFORM PULL-RECS 10 TIMES.
           IF PULL-HOLD = 'PULL RECS=' MOVE ZEROS TO TBL-CTR,
               GO TO BLD-CTL-TABLE.
           DISPLAY '** FIRST PARM CARD NOT A VALID -PULL RECS=- CARD'.
       PREMATURE-END.
           DISPLAY '**** RUN TERMINATED PRIOR TO NORMAL END'.
           CLOSE OUT-FILE, PARM-FILE, FIN-FILE.
           STOP RUN.
       PULL-RECS.
           MOVE PARM-CHAR (IN-CTR) TO HOLD-PULL (WK-CTR).
           ADD 1 TO IN-CTR, WK-CTR.
       BLD-CTL-TABLE.
           IF PARM-CHAR (IN-CTR) = '(' GO TO MOVE-P.
           DISPLAY '** PULL RECS= NOT FOLLOWED BY LEFT PAREN'.
           GO TO PREMATURE-END.
       MOVE-P.
           ADD 1 TO TBL-CTR.
           MOVE 'P' TO INDIC.
       START-3-DIGIT-PULL.
           MOVE SPACES TO HOLD-AREA.
           MOVE ZEROS TO NO-CTR.
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006090 P-L-LOOP.
006100     ADD 1 TO IN-CTR.
006110     IF PARM-CHAR (IN-CTR) = ',' GO TO CK-NO-CTR.
006120     IF IN-CTR   71 GO TO CK-FOR-CONTIN.
006130     IF PARM-CHAR (IN-CTR) = SPACE GO TO CK-FOR-CONTIN.
006140     ADD 1 TO NC-CTR.
006150     IF NC-CTR   3 GO TO CK-P-OR-L.
006160     IF PARM-CHAR (IN-CTR) NOT ) '0' AND NOT    '9'
006170         MOVE PARM-CHAR (IN-CTR) TO HOLD-CHAR (NO-CTR),
006180             GO TO P-L-LOOP.
006190     DISPLAY '** CHARACTER IN COL. ', IN-CTR, ' SHOULD BE NUMERIC'
006200         GO TO PREMATURE-END.
007010 CK-P-OR-L.
007020     IF INDIC = 'P'
007030         DISPLAY '** POSITION PARAMETER IN COL. ', IN-CTR,
007040             ' IS INVALID', GO TO PREMATURE-END.
007050     DISPLAY '** LENGTH PARAMETER IN COL. ', IN-CTR,
007060         ' IS INVALID', GO TO PREMATURE-END.
007070 CK-FOR-CONTIN.
007080     IF CONTIN = SPACE
007090         DISPLAY '** CONTINUATION INDICATOR IN COL. 72 EXPECTED BU
007100-        'T NONE FOUND' GO TO PREMATURE-END.
007110     GO TO READ-PARMS.
007120 CONTIN-CARD.
007130     IF IN-CTR ) 71 NEXT SENTENCE ELSE GO TO CK-FOR-CONTIN.
007140     IF PARM-CHAR (IN-CTR) = SPACE ADD 1 TO IN-CTR,
007150         GO TO CONTIN-CARD.
007160     IF INDIC = 'P' SUBTRACT 1 FROM TBL-CTR, IN-CTR, GO TO MOVE-P.
007170     IF INDIC = 'L' SUBTRACT 1 FROM IN-CTR, GO TO MOVE-L.
007180     IF INDIC = 'C' AND PARM-CHAR (IN-CTR) = '=' OR ')' OR ' '
007190         SUBTRACT 1 FROM IN-CTR, GO TO MOVE-C, ELSE
007200             DISPLAY '** CONTINUATION CARD DOESNT LOGICALLY CONTIN
007201-            'UE PREVIOUS CARD', GO TO PREMATURE-END.
008010 CK-NO-CTR.
008020     IF NC-CTR = ZEROS GO TO CK-P-OR-L.
008030     PERFORM MAKE-3.
008040     IF INDIC = 'P' MOVE NUM-3 TO POS (TBL-CTR) GO TO MOVE-L.
008050     MOVE NUM-3 TO LNGTH (TBL-CTR).
008060 MOVE-C.
008070     MOVE 'C' TO INDIC.
008080     MOVE ZERO TO NO-CTR.
008090     ADD 1 TO IN-CTR.
008100     IF PARM-CHAR (IN-CTR) = '=' OR ')' OR ' ' GO TO STR-COND.
008110     IF IN-CTR ) 71 NEXT SENTENCE ELSE GO TO CK-FOR-CONTIN.
008120     IF PARM-CHAR (IN-CTR) = SPACE GO TO CK-FOR-CONTIN.
008130     DISPLAY '** CONDITION SIGN EXPECTED BUT NOT RECEIVED'.
008140     GO TO PREMATURE-END.
008150 MOVE-L.
008160     MOVE 'L' TO INDIC.
008170     GO TO START-3-DIGIT-PULL.
008180 STR-COND.
008190     MOVE PARM-CHAR (IN-CTR) TO OPER (TBL-CTR).
008200     MOVE 'C' TO INDIC.
009010     MOVE ZEROS TO NO-CTR.
009020     MOVE SPACES TO FLD-HOLD.
009030 DATA-LOOP.
009040     ADD 1 TO IN-CTR.
009045     IF IN-CTR   71 DISPLAY
009046         '** PARAMETER CARD NOT TERMINATED ' ' A RIGHT PAREN OR COM
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           'MA', GO TO PREMATURE-END.
           IF PARM-CHAR (IN-CTR) = ')' PERFORM STR-DATA-FLD,
               GO TO READ-FILE.
           IF PARM-CHAR (IN-CTR) = ',' PERFORM STR-DATA-FLD,
               GO TO MOVE-P.
           IF PARM-CHAR (IN-CTR) = '=' OR ')' OR ' '
               PERFORM STR-DATA-FLD, ADD 1 TO TBL-CTR, GO TO STR-COND.
           ADD 1 TO NO-CTR.
           MOVE PARM-CHAR (IN-CTR) TO HOLD-FLD (NO-CTR).
           GO TO DATA-LOOP.
       STR-DATA-FLD.
           MOVE FLD-HOLD TO FLD (TBL-CTR).
           IF POS (TBL-CTR) NOT = ZEROS NEXT SENTENCE ELSE
               COMPUTE TBL-1 = TBL-CTR - 1,
               MOVE POS (TBL-1) TO POS (TBL-CTR),
               MOVE LNGTH (TBL-1) TO LNGTH (TBL-CTR).
           DISPLAY CTLS (TBL-CTR).
       CLEAR-TABLE.
           MOVE ZEROS TO POS (CTR), LNGTH (CTR).
           MOVE SPACES TO OPER (CTR), FLD (CTR).
       MAKE-3.
           MOVE ZEROS TO NUM-3 G-CTR.
           COMPUTE H-CTR = 4 - NO-CTR.
           PERFORM MOVE-DIGITS VARYING H-CTR FROM H-CTR BY 1
               UNTIL H-CTR   3.
       MOVE-DIGITS.
           ADD 1 TO G-CTR.
           MOVE HOLD-CHAR (G-CTR) TO X-3 (H-CTR).
       READ-FILE.
           READ FIN-FILE AT END GO TO CLOSE-OUT.
           ADD 1 TO RECS-READ.
           MOVE 1 TO CTR.
       CK-FLDS.
           IF POS (CTR) = ZEROS GO TO WRITE-FILE.
           MOVE CTLS (CTR) TO WORK-AREA.
           MOVE SPACES TO FLD-HOLD.
           MOVE ZEROS TO G-CTR.
           PERFORM MOVE-DATA VARYING FLD-CTR FROM FLD-POS BY 1
               UNTIL FLD-CTR = (FLD-POS + FLD-LNGTH).
           IF FLD-OPER = '=' GO TO CK-EQUAL-FLDS.
           IF FLD-OPER = ' ' GO TO CK-GREATER-FLDS.
           IF FLD-HOLD ) FLD-FLD GO TO COMMON-ABSOLUTE.
           GO TO READ-FILE.
       MOVE-DATA.
           ADD 1 TO G-CTR.
           MOVE IN-CHAR (FLD-CTR) TO HOLD-FLD (G-CTR).
       CK-EQUAL-FLDS.
           IF FLD-HOLD = FLD-FLD GO TO EQUAL-FOUND.
           ADD 1 TO CTR.
           IF CTR   25 GO TO READ-FILE.
           IF FLD-POS = POS (CTR) GO TO CK-FLDS.
           GO TO READ-FILE.
       EQUAL-FOUND.
           ADD 1 TO CTR.
           IF CTR   25 GO TO WRITE-FILE.
           IF FLD-POS = POS (CTR) GO TO EQUAL-FOUND.
           GO TO CK-FLDS.
       CK-GREATER-FLDS.
           IF FLD-HOLD   FLD-FLD GO TO COMMON-ABSOLUTE.
```

```
           GO TO READ-FILE.
       COMMON-ABSOLUTE.
           ADD 1 TO CTR.
           IF CTR   25 GO TO WRITE-FILE.
           GO TO CK-FLDS.
       WRITE-FILE.
           ADD 1 TO NO-SELECTED.
           MOVE FIN-REC TO OUT-REC.
           DISPLAY OUT-REC.
           WRITE OUT-REC.
           MOVE SPACES TO OUT-REC.
           GO TO READ-FILE.
       CLOSE-OUT.
           DISPLAY SPACES.
           DISPLAY 'NO. RECORDS READ = ', RECS-READ,
               '   NO. RECORDS SELECTED = ', NO-SELECTED.
           CLOSE OUT-FILE, PARM-FILE, FIN-FILE.
           STOP RUN.
```

```
IDENTIFICATION DIVISION.
PROGRAM-ID. SALRYLST.
AUTHOR. MARSH-CLARK.
    DATE WRITTEN. JAN 1972.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
    SOURCE-COMPUTER. IBM-360-H65.
    OBJECT-COMPUTER. IBM-360-H65.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT BFILE ASSIGN TO UT-S-BFILE.
    SELECT OTLIST ASSIGN TO UR-S-OTLIST.
    SELECT PCARD ASSIGN TO UT-S-PCARD.
DATA DIVISION.
    FILE SECTION.
FD OTLIST
    REPORTS VS-REPORT, VV-REPORT
    LABEL RECORDS ARE STANDARD.
FD PCARD
    LABEL RECORD IS OMITTED                                         FIBUDCUP
    RECORDING MODE IS F                                             FIBUDCUP
    RECORD CONTAINS 80 CHARACTERS
    DATA RECORDS ARE PCRD, SCRD.
01 PCRD.
    03 FILLER PIC X(21).
    03 PDIST PIC X(25).
    03 FILLER PIC X(19).
    03 PDISTNO PIC XXXX.
    03 FILLER PIC XXX.
    03 PRNO PIC XXX.
    03 PRUN PIC X.
    03 FILLER PIC XXX.
    03 PTYP PIC X.
01 SCRD.
    03 STYP PIC X.
    03 PSNAM PIC X(23).
    03 FILLER PIC X(4).
    03 PSNO PIC XXX.
    03 FILLER PIC X(14).
    03 FILLER PIC X(35).
FD BFILE
    LABEL RECORD IS STANDARD                                        FIBUDCUP
    RECORDING MODE IS F                                             FIBUDCUP
    RECORD CONTAINS 121 CHARACTERS
    BLOCK CONTAINS 60 RECORDS
    DATA RECORD IS BRECOT.                                          FIBUDCUP
01  BRECOT.                                                         FIBUDCUP
    03  BOTAC.                                                      FIBUDCUP
        05  BOTYR   PIC XX.                                         FIBUDCUP
        05  BOTFUN  PIC XX.                                         FIBUDCUP
        05  BOTORG  PIC XXX.                                        FIBUDCUP
        05 ORGBOT REDEFINES BOTORG.
            07 BORG PIC 9.
            07 FILLER PIC XX.
        05  BOTPRO  PIC XX.                                         FIBUDCUP
        05 PRBOT REDEFINES BOTPRO.
            07 FILLER PIC X.
            07 BPRO PIC 9.
        05  BOTPRA  PIC XX.                                         FIBUDCUP
```

```
         05  BOTCRS  PIC XXX.                                           FIBUDCUP
         05  BOTEXP  PIC XXXX.                                          FIBUDCUP
         05 EXP-BOT REDEFINES BOTEXP.
           07 EXP1 PIC 9.
           07 FILLER PIC XXX.
         05  BOTSEQ  PIC XXX.                                           FIBUDCUP
     03  BOTACTIONCODES.                                                FIBUDCUP
         05  BOTRTYP PIC X.                                             FIBUDCUP
         05  BOTDCOD PIC X.                                             FIBUDCUP
         05  BOTRCOD PIC X.                                             FIBUDCUP
         05  BOTRUNO PIC XX.                                            FIBUDCUP
     03  BOTFONO      PICTURE X(7).
     03  BOFONON REDEFINES BOTFONO  PICTURE 99999V99.
     03  BOTDESA.                                                       FIBUDCUP
         05  FILLER        PIC X.                                       FIBUDCUP
         05  BOTTCOD       PIC XXX.                                     FIBUDCUP
         05  BOTTNAM                                                    FIBUDCUP
             07  BOLNAM  PIC X(12).                                     FIBUDCUP
             07  BOINIT  PIC X.                                         FIBUDCUP
         05  BOTCNAM       PIC X(12).                                   FIBUDCUP
         05  BOTOCOD       PIC X.                                       FIBUDCUP
         05  BOTSAL        PIC X(7).                                    FIBUDCUP
         05  SALBOT REDEFINES BOTSAL PIC 99999V99.                      FIBUDCUP
         05  NAFONO  PICTURE X(7).
         05  NFONOA REDEFINES NAFONO PICTURE 99999V99.
         05  BOTPCT        PIC X(6).
         05  PCTBOT REDEFINES BOTPCT PIC  9999V99.
         05  BOTCOST       PIC 999999V99.
     03  BOTDESB REDEFINES BOTDESA.                                     FIBUDCUP
         05  BOTAPCOD      PIC XXXX.                                    FIBUDCUP
         05  BOTANAME      PIC X(17).
         05  BOTASAL       PIC X(7).                                    FIBUDCUP
         05  SALBOTA REDEFINES BOTASAL PIC 99999V99.                    FIBUDCUP
         05  BOTASHR       PIC XXXX.
         05  HRSBOTA REDEFINES BOTASHR PIC 99V99.
         05  BOTAHRDA      PIC XX.                                      FIBUDCUP
         05  HRDABOTA REDEFINES BOTAHRDA PIC 9V9.
         05  BOTADAYR      PIC XXX.                                     FIBUDCUP
         05  DAYRBOTA REDEFINES BOTADAYR PIC 999.                       FIBUDCUP
         05  NBFONO  PICTURE X(7).
         05  NFONOB REDEFINES NBFONO PICTURE 99999V99.
         05  BOTAPCT       PIC  9999V99.
         05  BOTACOST      PIC 999999V99.
     03  BOTDESC REDEFINES BOTDESB.                                     FIBUDCUP
         05  BOTBDESC      PIC X(37).
         05  NCFONO  PICTURE X(7).
         05  NFONOC REDEFINES NCFONO PICTURE 99999V99.
         05  BOTBPCT       PIC X(6).
         05  PCTBOTB REDEFINES BOTBPCT PIC  9999V99.
         05  BOTBCOST      PIC 999999V99.
     03  BOTDESD REDEFINES BOTDESC.                                     FIBUDCUP
         05  BOTCVNO       PIC XXXX.                                    FIBUDCUP
         05  BOTCDESC      PIC X(26).
         05  NDFONO  PICTURE X(7).
         05  NFONOD REDEFINES NDFONO PICTURE 99999V99.
         05  BOTCCATNO   PIC X(6).
         05  BOTUQ.                                                     FIBUDCUP
             07 BOTCPCT PIC XXX.
             07 BOTPCTC REDEFINES BOTCPCT PIC 9V99.
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            07  BOTCQUAN PIC XXXX                                   FIBUDCUP
            07  QUANBOTC REDEFINES BOTCQUAN PIC 9999.               FIBUDCUP
        05  BOTCCOST      PIC 999999V99.
    03  BOTDESE REDEFINES BOTDESD.                                  FIBUDCUP
        05  BOTDPUBNO   PIC XXXX                                    FIBUDCUP
        05  BOTDAUTH    PIC X(12).
        05  BOTDTIT     PIC X(20).
        05  NEFOND PICTURE X(7).
        05 NFONDE REDEFINES NEFOND PIC 99999V99.
    05 FILLER PIC XXX.
        05  BOTDQUAN    PIC XXXX.                                   FIBUDCUP
        05  BOTDCOST    PIC 999999V99.
    03  COSTOT  PIC X(8).                                           FIBUDCUP
    03  OTCOST REDEFINES COSTOT PIC 999999V99.                      FIBUDCUP
    03  BOTPRNAM    PIC X(10).
    03  FILLER      PIC X(12).
WORKING-STORAGE SECTION.
    77  SOSS        PIC 99        VALUE ZERO.
    77  SASS        PIC 99        VALUE ZERO.
    77  SORG        PIC XXX       VALUE ZEROS.
    77  SVAO        PIC XXXX      VALUE SPACES.
    77  SCNO        PIC X(6)      VALUE SPACES.
    77  PCCIST      PIC X(25) VALUE 'NO SCHOOL                '.
    77  PCCNO       PIC XXXX.
    77 SFUNOB PIC 99999V99.
    77  PCTYP       PIC X.
    77 PCRNO PIC XXX.
    77 PCSCH PIC X(23) VALUE SPACES.
    77 ORGSS PIC 99 VALUE 0.
    77 ARG PIC S99999 USAGE COMPUTATIONAL VALUE +5.
01 SCHTAB.
    02 ST OCCURS 50 TIMES.
    03 ORGNUM PIC XXX.
    03 ORGNAM PIC X(23).
01 WU.
    03 UNITSW PIC X(6).
    03 WUNIT  REDEFINES UNITSW.
      05 FILLER PIC XXX.
      05 WUNITS PIC 999.
01 DATES.
    03 DAET PIC XXXX OCCURS 11 TIMES.
01 DTE REDEFINES DATES.
    03 RET-DATE PIC X(18).
    03 FILLER PIC X(26).
01 SCHWORK.
    03 WORG PIC XXX.
    03 WNAM PIC     X(23).
01 DESW.
    03 WDESC   PIC X(32) VALUE SPACES.
01 DES4 REDEFINES DESW.
    03 DES4A PIC X(12).
    03 FILLER PIC X.
    03 DES4I PIC X.
    03 FILLER PIC XXX.
    03 DES4T PIC X(16).
01 DES5 REDEFINES DES4.
    03 DES5A PIC X(26).
    03 FILLER PIC X(7).
01 TOTAREA.
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       03 TDIST PIC 99999999V99 VALUE ZEROS.
       03 TSCH  PIC  9999999V99 VALUE ZEROS.
       03 TVEN  PIC   999999V99 VALUE ZEROS.
       03 TCAT  PIC    99999V99 VALUE ZEROS.
       03 TUCAT PIC 99999V9 VALUE ZEROS.
 RD VS-REPORT CONTROLS ARE FINAL, BOTORG,  BOTAPCOD
       PAGE 61 LINES HEADING 2 FIRST DETAIL 3 LAST DETAIL 57
       FOOTING 61.
 01 S TYPE PAGE HEADING LINE 2.
       03 COLUMN 3 PIC A(33) VALUE 'S A L A R Y   C H E C K   L I S
-      'T'.
       03 LINE 4 COLUMN 3 PIC  A(6) VALUE 'DIST. '.
       03 COLUMN 9 PIC X(25) SOURCE PCDIST.
       03 COLUMN 34 PIC A(9) VALUE '  SCHOOL '.
       03 COLUMN 43 PIC X(23) SOURCE WNAM.
       03 COLUMN 66 PIC A(11) VALUE '     DATE  '.
       03 COLUMN 77 PIC  X(18) SOURCE RET-DATE.
       03 COLUMN 95 PIC A(11) VALUE '      PAGE '.
       03 COLUMN 106 PIC ZZ9 SOURCE PAGE-COUNTER OF VS-REPORT.
       03 LINE 6 COLUMN 3 PIC X(6)  VALUE     'ID NO.'.
       03 COLUMN 24 PIC X(21) VALUE 'D E S C R I P T I O N'.
       03 COLUMN 59 PIC X(69) VALUE '--A C C O U N T   C O D E--   F
-      'UNCTION      TOT. PERCENT  ALLOT SAL.'.
       03 LINE 7 COLUMN 15 PIC X(8) VALUE '        '.
       03 COLUMN 90 PIC X(6) VALUE 'OBJECT'.
       03 COLUMN 103 PIC X(4) VALUE 'SAL.'.
 01 VSDET TYPE DETAIL LINE PLUS 3.
       03 COLUMN 3 PIC XXXX SOURCE BOTAPCOD.
       03 COLUMN 24 PIC X(33) SOURCE WDESC.
       03 COLUMN 59 PIC XX SOURCE BOTYR.
       03 COLUMN 62 PIC XX SOURCE BOTFUN.
       03 COLUMN 65 PIC XXX SOURCE BOTORG.
       03 COLUMN 69 PIC XX  SOURCE BOTPRO.
       03 COLUMN 72 PIC XX  SOURCE BOTPRA.
       03 COLUMN 75 PIC XXX SOURCE BOTCRS.
       03 COLUMN 79 PIC XXXX SOURCE BOTEXP.
       03 COLUMN 84 PIC XXX  SOURCE BOTSEQ.
       03 COLUMN 89 PIC ZZZZZ.99 SOURCE SFUNOB.
       03 COLUMN 98 PIC $$$$,$$$.99 SOURCE BOTCOST.
       03 COLUMN 110 PIC ZZZ    SOURCE WUNITS.
       03 COLUMN 117 PIC $$$$,$$$.99 SOURCE OTCOST.
 01 VSIDET TYPE DETAIL LINE PLUS 1.
       03 COLUMN 24 PIC X(33) SOURCE WDESC.
       03 COLUMN 59 PIC XX SOURCE BOTYR.
       03 COLUMN 62 PIC XX SOURCE BOTFUN.
       03 COLUMN 65 PIC XXX SOURCE BOTORG.
       03 COLUMN 69 PIC XX  SOURCE BOTPRO.
       03 COLUMN 72 PIC XX  SOURCE BOTPRA.
       03 COLUMN 75 PIC XXX SOURCE BOTCRS.
       03 COLUMN 79 PIC XXXX SOURCE BOTEXP.
       03 COLUMN 84 PIC XXX  SOURCE BOTSEQ.
       03 COLUMN 89 PIC ZZZZZ.99 SOURCE SFUNOB.
       03 COLUMN 98 PIC $$$$,$$$.99 SOURCE BOTCOST.
       03 COLUMN 110 PIC ZZZ    SOURCE WUNITS.
       03 COLUMN 117 PIC $$$$,$$$.99 SOURCE OTCOST.
 01 TYPE CONTROL FOOTING BOTAPCOD LINE PLUS 2.
       03 COLUMN 87 PIC A(10) VALUE 'TEACHER ID'.
       03 COLUMN 98 PIC  XXXX SOURCE SVNO.
       03 COLUMN 104 PIC A(7) VALUE '*TOTAL*'.
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```
    03 COLUMN 119 PIC $$,$$$,$$$.99 SOURCE TVEN.
01 TYPE CONTROL FOOTING BOTORG LINE PLUS 2 NEXT GROUP NEXT PAGE.
    03 COLUMN 88  PIC A(13) VALUE  'TOTAL SCHOOL '.
    03 COLUMN 101 PIC XXX SOURCE SORG.
    03 COLUMN 106 PIC $$,$$$,$$$.99 SOURCE TSCH.
01 TYPE CONTROL FOOTING FINAL LINE PLUS 2.
    03 COLUMN 96 PIC $$$,$$$,$$$.99 SOURCE TDIST.
    03 COLUMN 111 PIC A(13) VALUE 'TOTAL DIST.  '.
    03 COLUMN 124 PIC XXXX SOURCE PDIST.
RD VV-REPORT CONTROLS ARE FINAL, BOTAPCOD
    PAGE 61 LINES HEADING 2 FIRST DETAIL 8 LAST DETAIL 57
    FOOTING 61.
    01 V TYPE PAGE HEADING LINE 2.
    03 COLUMN 3 PIC A(33) VALUE 'S A L A R Y   C H E C K   L I S
-   'T'.
    03 LINE 4 COLUMN 3 PIC A(5) VALUE 'DIST.'.
    03 COLUMN 9 PIC X(25) SOURCE PCDIST.
    03 COLUMN 36 PIC X(9) VALUE 'BY DIST  '.
    03 COLUMN 66 PIC X(11)  VALUE  '     DATE  '.
    03 COLUMN 77 PIC X(18) SOURCE RPT-DATE.
    03 COLUMN 95 PIC A(11) VALUE '      PAGE '.
    03 COLUMN 106 PIC  ZZ9 SOURCE PAGE-COUNTER OF VV-REPORT.
    03 LINE 6 COLUMN 2 PIC X(8) VALUE 'TEACHER '.
    03 COLUMN 16 PIC X(21) VALUE 'D E S C R I P T I O N'.
    03 COLUMN 51 PIC X(83) VALUE '--A C C O U N T   C O D E--  FU
-    'NCTION   S C H O O L     TOT.   PERCENT  ALLCT SAL.'.
    03 LINE 7 COLUMN 8 PIC X(6) VALUE '      '.
    03 COLUMN 81 PIC X(6) VALUE 'OBJECT'.
    03 COLUMN 107 PIC X(4) VALUE 'COST'.
01 VVDET TYPE DETAIL LINE PLUS 3.
    03 COLUMN 2 PIC X(4) SOURCE  BOTAPCOD.
    03 COLUMN 16 PIC X(33) SOURCE WDESC.
    03 COLUMN 51 PIC XX SOURCE BOTYR.
    03 COLUMN 54 PIC XX SOURCE BOTFUN.
    03 COLUMN 57 PIC XXX SOURCE BOTORG.
    03 COLUMN 61 PIC XX  SOURCE BOTPRO.
    03 COLUMN 64 PIC XX  SOURCE BOTPRA.
    03 COLUMN 67 PIC XXX SOURCE BOTCRS.
    03 COLUMN 71 PIC XXXX SOURCE BOTEXP.
    03 COLUMN 76 PIC XXX  SOURCE BOTSEQ.
    03 COLUMN 80 PIC ZZZZZ.99 SOURCE SFUNOB.
    03 COLUMN 89 PIC X(12) SOURCE WNAM.
    03 COLUMN 102 PIC $$$$,$$$.99 SOURCE BOTCOST.
    03 COLUMN 114 PIC ZZZZ.9 SOURCE  WUNITS.
    03 COLUMN 121 PIC $$$$,$$$.99 SOURCE DTCOST.
01 VCDET TYPE DETAIL LINE PLUS 1.
    03 COLUMN 16 PIC X(33) SOURCE WDESC.
    03 COLUMN 51 PIC XX SOURCE BOTYR.
    03 COLUMN 54 PIC XX SOURCE BOTFUN.
    03 COLUMN 57 PIC XXX SOURCE BOTORG.
    03 COLUMN 61 PIC XX  SOURCE BOTPRO.
    03 COLUMN 64 PIC XX  SOURCE BOTPRA.
    03 COLUMN 67 PIC XXX SOURCE BOTCRS.
    03 COLUMN 71 PIC XXXX SOURCE BOTEXP.
    03 COLUMN 76 PIC XXX  SOURCE BOTSEQ.
    03 COLUMN 80 PIC ZZZZZ.99 SOURCE SFUNOB.
    03 COLUMN 89 PIC X(12) SOURCE WNAM.
    03 COLUMN 102 PIC $$$$,$$$.99 SOURCE BOTCOST.
    03 COLUMN 114 PIC ZZZZ.9 SOURCE  WUNITS.
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```
    03 COLUMN 121 PIC $$$$,$$$.99 SOURCE OTCOST.
01 TYPE CONTROL FOOTING BOTAPCOD LINE PLUS 2.
    03 COLUMN 87 PIC A(10) VALUE 'TEACHER ID'.
    03 COLUMN 98 PIC  XXXX SOURCE SVNO.
    03 COLUMN 104 PIC A(7) VALUE '*TOTAL*'.
    03 COLUMN 119 PIC $$,$$$,$$$.99 SOURCE TVEN.
01 TYPE CONTROL FOOTING FINAL LINE PLUS 2.
    03 COLUMN 80 PIC A(9) VALUE '**TOTAL**'.
    03 COLUMN 96 PIC $$$,$$$,$$$.99 SOURCE TDIST.
PROCEDURE DIVISION.
    OPEN INPUT PCARD, INPUT BFILE.
    ENTER LINKAGE.
    CALL 'STAMP', USING DATES, ARG.
    ENTER COBOL.
STARTA.
    READ PCARD AT END GO TO CLOSE-CARD.
    IF PTYP = 'P' GO TO GOT-PCARD.
    DISPLAY 'RUN PARM CARD MISSING---', PCRD.
    GO TO CLOSE-CARD.
GOT-PCARD.
    MOVE PDIST TO PCDIST.
    MOVE PDISTNO TO PCDNO.
    MOVE PRNO TO PCRNO.
    MOVE PRUN TO PCTYP.
    PERFORM BILD-ORG THRU END-ORG.
    MOVE ZEROS TO ORGSS.
    IF PCTYP = '1' GO TO SCH-RUN.
    IF PCTYP = '2' GO TO VEN-RUN.
    DISPLAY  'INVALID RUN TYPE INDICATOR'.
    GO TO CLOSE-CARD.
BILD-ORG.
    READ PCARD AT END GO TO END-ORG.
    IF PSNO  = '999' GO TO END-ORG.
    ADD 1 TO ORGSS.
    IF ORGSS   50 DISPLAY 'EXCESS ORG NAME CARD', PCRD,
            GO TO BILD-ORG.
    MOVE PSNO  TO ORGNUM (ORGSS).
    MOVE PSNAM TO ORGNAM (ORGSS).
    GO TO BILD-ORG.
END-ORG.
    EXIT.
FIND-ORG.
    ADD 1 TO ORGSS.
    IF  ORGSS   50 GO TO FDA-ORG.
    IF ORGNUM (ORGSS) = '999' GO TO FDA-ORG.
    IF BOTORG OF BOTAC NOT = ORGNUM (ORGSS) GO TO FIND-ORG.
    MOVE ORGNUM (ORGSS) TO WORG.
    MOVE ORGNAM (ORGSS) TO WNAM.
FD-ORG.
    MOVE ZEROS TO ORGSS.
FD-ORG-EXIT.
    EXIT.
FDA-ORG.
    MOVE '999' TO WORG.
    MOVE 'SCHOOL NO NAME           ' TO WNAM.
    GO TO FD-ORG.
VEN-RUN.
    OPEN OUTPUT OTLIST.
    INITIATE VV-REPORT.
```

```
VEN-RUNA.
    READ BFILE AT END GO TO CLOSE-VV-SERIES.
    IF BOTCCOD = '1' GO TO VEN-RUNA.
    IF BOTRTYP = '1' OR '2'
      GO TO SKIP-CATNO-CHECK
      ELSE GO TO VEN-RUNA.
SKIP-CATNO-CHECK.
    MOVE SPACES TO WDESC.
    IF BOTRTYP = '2' GO TO TYPE-5.
    MOVE NFONOA TO SFUNOB.
    MOVE  BOLNAM  TO DES4A.
    MOVE BCINIT TO DES4I.
    MOVE BCTCNAM  TO DES4T.
    GO TO COMPUTE-WUNITS.
TYPE-5.
    MOVE NFONOB TO SFUNOB.
    MOVE BCTANAME TO DES5A.
COMPUTE-WUNITS.
    MOVE BCTPCT TO WUNITS.
    PERFORM FIND-ORG THRU FD-ORG.
    ON 1 MOVE BOTAPCOD TO SVNO,
      GENERATE VVDET,
      GO TO ADD-UNITS.
    IF SVNO NOT =  BOTAPCOD
      GENERATE VVDET,
      MOVE BOTAPCOD TO SVNO,
      MOVE ZEROS TO TVEN, TCAT,TUCAT ELSE
    GENERATE VCDET.
ADD-UNITS.
    ADD OTCOST TO TCAT, TVEN, TDIST.
    GO TO VEN-RUNA.
SCH-RUN.
    OPEN OUTPUT OTLIST.
    INITIATE VS-REPORT.
READ-SCH.
    READ BFILE AT END GO TO CLOSE-VS-SERIES.
    IF BOTCCOD = '1' GO TO READ-SCH.
    ON 1 PERFORM FIND-ORG THRU FD-ORG,
      MOVE BOTORG TO SORG,
      MOVE BOTAPCOD TO SVNO.
CHECK-REC-TYPE.
    IF BOTRTYP = '1' OR '2'
    GO TO SKIP-REREAD.
    GO TO READ-SCH.
SKIP-REREAD.
    MOVE SPACES TO WDESC.
    IF BOTRTYP = '2' GO TO REC-TYPE-2.
    MOVE NFONOA TO SFUNOB.
    MOVE  BOLNAM  TO DES4A.
    MOVE BCINIT TO DES4I.
    MOVE BCTCNAM  TO DES4T.
    GO TO WUNITS-COMPUTE.
REC-TYPE-2.
    MOVE NFONOB TO SFUNOB.
    MOVE BCTANAME TO DES5A.
WUNITS-COMPUTE.
    MOVE BCTPCT TO WUNITS.
    ON 1 GENERATE VSDET,
    GO TO ADD-UNIT.
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```
    IF BOTORG NOT = SORG
    PERFORM FIND-ORG THRU FD-ORG,
      GENERATE VSDET,
      MOVE BOTORG TO SORG,
      MOVE SPACES    TO SCNO,
    MOVE BOTAPCOD TO SVNO,
      MOVE ZEROS TO TUCAT, TCAT, TVEN, TSCH ELSE
    IF SVNO NOT = BOTAPCOD
      GENERATE VSDET,
      MOVE SPACES    TO SCNO,
    MOVE BOTAPCOD TO SVNO,
      MOVE  ZEROS TO  TCAT, TUCAT, TVEN
    ELSE
      GENERATE VSIDET.
ADD-UNIT.
    ADD CTCOST  TO TCAT, TVEN, TSCH, TDIST.
    GO TO READ-SCH.
CLOSE-VV-SERIES.
    TERMINATE VV-REPORT.
    CLOSE CTLIST, BFILE, PCARD.
    STOP RUN.
CLOSE-VS-SERIES.
    TERMINATE VS-REPORT.
    CLOSE CTLIST, BFILE, PCARD.
    STOP RUN.
CLOSE-CARD.
    CLOSE PCARD.
    STOP RUN.
```

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IDENTIFICATION DIVISION.
PROGRAM-ID. VENDRLST.
AUTHOR. MARSH-CLARK.
    DATE WRITTEN. JAN 1972.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
    SOURCE-COMPUTER. IBM-360-H65.
    OBJECT-COMPUTER. IBM-360-H65.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT BFILE ASSIGN TO UT-S-BFILE.
    SELECT OTLIST ASSIGN TO UR-S-OTLIST.
    SELECT PCARD ASSIGN TO UT-S-PCARD.
DATA DIVISION.
    FILE SECTION.
FD OTLIST
    REPORTS VS-REPORT, VV-REPORT
    LABEL RECORDS ARE STANDARD.
FD PCARD
    LABEL RECORD IS OMITTED                                         FIBUDCUP
    RECORDING MODE IS F                                             FIBUDCUP
    RECORD CONTAINS 80 CHARACTERS
    DATA RECORDS ARE PCRD, SCRD.
01 PCRD.
    03 FILLER PIC X(21).
    03 PDIST PIC X(25).
    03 FILLER PIC X(19).
    03 PDISTNO PIC XXXX.
    03 FILLER PIC XXX.
    03 PRNC PIC XXX.
    03 PRUN PIC X.
    03 FILLER PIC XXX.
    03 PTYP PIC X.
01 SCRD.
    03 STYP PIC X.
    03 PSNAM PIC X(23).
    03 FILLER PIC X(4).
    03 PSNC PIC XXX.
    03 FILLER PIC X(14).
    03 FILLER PIC X(35).
FD BFILE
    LABEL RECORD IS STANDARD                                        FIBUDCUP
    RECORDING MODE IS F                                             FIBUDCUP
    RECORD CONTAINS 121 CHARACTERS
    BLOCK CONTAINS 60 RECORDS
    DATA RECORD IS BRECOT.                                          FIBUDCUP
01  BRECOT.                                                         FIBUDCUP
    03  BOTAC.                                                      FIBUDCUP
        05  BOTYR    PIC XX.                                        FIBUDCUP
        05  BOTFUN   PIC XX.                                        FIBUDCUP
        05  BOTORG   PIC XXX.                                       FIBUDCUP
        05 ORGBOT REDEFINES BOTORG.
            07 BORG PIC 9.
            07 FILLER PIC XX.
        05  BOTPRO   PIC XX.                                        FIBUDCUP
        05 PRBOT REDEFINES BOTPRO.
            07 FILLER PIC X.
            07 BPRO PIC 9.
        05  BOTPRA   PIC XX.                                        FIBUDCUP
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          05  BOTCRS   PIC XXX.                                          FIBUDCUP
          05  BOTEXP   PIC XXXX.                                         FIBUDCUP
          05 EXP-BOT REDEFINES BOTEXP.
            07 EXP1 PIC 9.
            07 FILLER PIC XXX.
          05  BOTSEQ  PIC XXX.                                           FIBUDCUP
      03  BOTACTIONCODES.                                                FIBUDCUP
          05  BOTRTYP PIC X.                                             FIBUDCUP
          05  BOTDCOD PIC X.                                             FIBUDCUP
          05  BOTRCOD PIC X.                                             FIBUDCUP
          05  BOTRUNO PIC XX.                                            FIBUDCUP
      03  BOTFONO      PICTURE X(7).
      03  BOFONON REDEFINES BOTFONO  PICTURE 99999V99.
      03  BOTDESA.                                                       FIBUDCUP
          05  FILLER        PIC X.                                       FIBUDCUP
          05  BOTTCOD       PIC XXX.                                     FIBUDCUP
          05  BOTTNAM                                                    FIBUDCUP
              07  BOLNAM  PIC X(12).                                     FIBUDCUP
              07  BOINIT  PIC X.                                         FIBUDCUP
          05  BOTCNAM       PIC X(12).                                   FIBUDCUP
          05  BOTOCOD       PIC X.                                       FIBUDCUP
          05  BOTSAL        PIC X(7).                                    FIBUDCUP
          05  SALBOT REDEFINES BOTSAL PIC 99999V99.                      FIBUDCUP
          05  NAFONO  PICTURE X(7).
          05  NFONOA REDEFINES NAFONO PICTURE 99999V99.
          05  BOTPCT        PIC X(6).
          05  PCTBOT REDEFINES BOTPCT PIC  9999V99.
          05  BOTCOST       PIC 999999V99.
      03  BOTDESB REDEFINES BOTDESA.                                     FIBUDCUP
          05  BOTAPCOD      PIC XXXX.                                    FIBUDCUP
          05  BOTANAME      PIC X(17).
          05  BOTASAL       PIC X(7).                                    FIBUDCUP
          05  SALBOTA REDEFINES BOTASAL PIC 99999V99.                    FIBUDCUP
          05  BOTASHR       PIC XXXX.
          05  HRSBOTA REDEFINES BOTASHR PIC 99V99.
          05  BOTAHRDA      PIC XX.                                      FIBUDCUP
          05  HRDABOTA REDEFINES BOTAHRDA PIC 9V9.
          05  BOTADAYR      PIC XXX.                                     FIBUDCUP
          05  DAYRBOTA REDEFINES BOTADAYR PIC 999.                       FIBUDCUP
          05  NBFONO  PICTURE X(7).
          05  NFONOB REDEFINES NBFONO PICTURE 99999V99.
          05  BOTAPCT       PIC  9999V99.
          05  BOTACOST      PIC 999999V99.
      03  BOTDESC REDEFINES BOTDESB.                                     FIBUDCUP
          05  BOTBDESC      PIC X(37).
          05  NCFONO  PICTURE X(7).
          05  NFONOC REDEFINES NCFONO PICTURE 99999V99.
          05  BOTBPCT       PIC X(6).
          05  PCTBOTB REDEFINES BOTBPCT PIC  9999V99.
          05  BOTBCOST  PIC 999999V99.
      03  BOTDESD REDEFINES BOTDESC.                                     FIBUDCUP
          05  BOTCVNO       PIC XXXX.                                    FIBUDCUP
          05  BOTCDESC      PIC X(26).
          05  NDFONO  PICTURE X(7).
          05  NFONOD REDEFINES NDFONO PICTURE 99999V99.
          05  BOTCCATNO   PIC X(6).
          05  BOTUQ.                                                     FIBUDCUP
              07 BOTCPCT PIC XXX.
              07 BOTPCTC REDEFINES BOTCPCT PIC 9V99.
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            07  BOTCQUAN PIC XXXX                                       FIBUDCUP
            07  QUANBOTC REDEFINES BOTCQUAN PIC 9999.                   FIBUDCUP
        05  BOTCCOST      PIC 999999V99.
    03  BOTDESE REDEFINES BOTDESD.                                      FIBUDCUP
        05  BOTDPUBNO   PIC XXXX                                        FIBUDCUP
        05  BOTDAUTH    PIC X(12).
        05  BOTDTIT     PIC X(20).
        05  NEFONC PICTURE X(7).
        05 NFONOE REDEFINES NEFOND PIC 99999V99.
    05 FILLER PIC XXX.
        05  BOTDQUAN    PIC XXXX.                                       FIBUDCUP
        05  BOTDCOST    PIC 999999V99.
    03  COSTOT  PIC X(8).                                               FIBUDCUP
    03  OTCOST REDEFINES COSTOT PIC 999999V99.                          FIBUDCUP
    03  BOTPRNAM     PIC X(10).
    03  FILLER       PIC X(12).
WORKING-STORAGE SECTION.
    77  SOSS         PIC 99        VALUE ZERO.
    77  SASS         PIC 99        VALUE ZERO.
    77  SORG         PIC XXX       VALUE ZEROS.
    77  SVNO         PIC XXXX      VALUE SPACES.
    77  SCNO         PIC X(6)      VALUE SPACES.
    77  PCDIST       PIC X(25) VALUE 'NO SCHOOL                  '.
    77  PCDNO        PIC XXXX.
    77 SFUNDB PIC 99999V99.
    77  PCTYP        PIC X.
    77 PCRNO PIC XXX.
    77 PCSCH PIC X(23) VALUE SPACES.
    77 WUNITS PIC 99999V9.
    77 ORGSS PIC 99 VALUE 0.
    77 ARG PIC S99999 USAGE COMPUTATIONAL VALUE +5.
01 SCHTAB.
    02 ST OCCURS 50 TIMES.
    03 ORGNUM PIC XXX.
    03 ORGNAM PIC X(23).
01 DATES.
    03 DAET PIC XXXX OCCURS 11 TIMES.
01 DTE REDEFINES DATES.
    03 RET-DATE PIC X(18).
    03 FILLER PIC X(26).
01 SCHWORK.
    03 WORG PIC XXX.
    03 WNAM PIC      X(23).
01 DESW.
    03 VDESC   PIC X(33) VALUE SPACES.
01 DES4 REDEFINES DESW.
    03 DES4A PIC X(12).
    03 FILLER PIC X.
    03 DES4T PIC X(20).
01 DES5 REDEFINES DES4.
    03 DES5A PIC X(26).
    03 FILLER PIC X(7).
01 TOTAREA.
    03 TDIST PIC 99999999V99 VALUE ZEROS.
    03 TSCH  PIC  9999999V99 VALUE ZEROS.
    03 TVEN  PIC   999999V99 VALUE ZEROS.
    03 TCAT  PIC    99999V99 VALUE ZEROS.
    03 TUCAT PIC 99999V9 VALUE ZEROS.
RD VS-REPORT CONTROLS ARE FINAL, BOTORG, BOTCVNO
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    PAGE 61 LINES HEADING 2 FIRST DETAIL 8 LAST DETAIL 57
    FOOTING 61.
 01 S TYPE PAGE HEADING LINE 2.
    03 COLUMN 3 PIC A(33) VALUE 'V E N D O R   O R D E R   L I S
-   'T'.
    03 LINE 4 COLUMN 3 PIC  A(6) VALUE 'DIST. '.
    03 COLUMN 9 PIC X(25) SOURCE PCDIST.
    03 COLUMN 34 PIC A(9) VALUE '  SCHOOL '.
    03 COLUMN 43 PIC X(23) SOURCE WNAM.
    03 COLUMN 66 PIC A(11) VALUE '     DATE  '.
    03 COLUMN 77 PIC  X(18) SOURCE RET-DATE.
    03 COLUMN 95 PIC A(11) VALUE '      PAGE '.
    03 COLUMN 106 PIC ZZ9 SOURCE PAGE-COUNTER OF VS-REPORT.
    03 LINE 6 COLUMN 3 PIC X(10) VALUE 'VENDOR NO.'.
    03 COLUMN 15 PIC XXXX SOURCE BOTCVNO.
    03 COLUMN 24 PIC X(21) VALUE 'D E S C R I P T I O N'.
    03 COLUMN 59 PIC X(69) VALUE '--A C C O U N T   C O D E--   F
-   'UNCTION       UNIT    UNITS  TOTAL COST'.
    03 LINE 7 COLUMN 15 PIC X(8) VALUE 'CAT. NO.'.
    03 COLUMN 90 PIC X(6) VALUE 'OBJECT'.
    03 COLUMN 103 PIC X(4) VALUE 'COST'.
 01 VSDET TYPE DETAIL LINE PLUS 1.
    03 COLUMN 5 PIC XXXX SOURCE BOTCVNO.
    03 COLUMN 15 PIC X(6) SOURCE BOTCCATNO.
    03 COLUMN 24 PIC X(33) SOURCE WDESC.
    03 COLUMN 59 PIC XX SOURCE BOTYR.
    03 COLUMN 62 PIC XX SOURCE BOTFUN.
    03 COLUMN 65 PIC XXX SOURCE BOTORG.
    03 COLUMN 69 PIC XX  SOURCE BOTPRO.
    03 COLUMN 72 PIC XX  SOURCE BOTPRA.
    03 COLUMN 75 PIC XXX SOURCE BOTCRS.
    03 COLUMN 79 PIC XXXX SOURCE BOTEXP.
    03 COLUMN 84 PIC XXX  SOURCE BOTSEQ.
    03 COLUMN 89 PIC ZZZZZ.99 SOURCE SFUNOB.
    03 COLUMN 98 PIC $$$$,$$$.99 SOURCE BOTCOST.
    03 COLUMN 110 PIC ZZZZ.9 SOURCE WUNITS.
    03 COLUMN 117 PIC $$$$,$$$.99 SOURCE OTCOST.
 01 VSCDET TYPE DETAIL LINE PLUS 2.
    03 COLUMN 15 PIC X(6) SOURCE BOTCCATNO.
    03 COLUMN 24 PIC X(33) SOURCE WDESC.
    03 COLUMN 59 PIC XX SOURCE BOTYR.
    03 COLUMN 62 PIC XX SOURCE BOTFUN.
    03 COLUMN 65 PIC XXX SOURCE BOTORG.
    03 COLUMN 69 PIC XX  SOURCE BOTPRO.
    03 COLUMN 72 PIC XX  SOURCE BOTPRA.
    03 COLUMN 75 PIC XXX SOURCE BOTCRS.
    03 COLUMN 79 PIC XXXX SOURCE BOTEXP.
    03 COLUMN 84 PIC XXX  SOURCE BOTSEQ.
    03 COLUMN 89 PIC ZZZZZ.99 SOURCE SFUNOB.
    03 COLUMN 98 PIC $$$$,$$$.99 SOURCE BOTCOST.
    03 COLUMN 110 PIC ZZZZ.9 SOURCE WUNITS.
    03 COLUMN 117 PIC $$$$,$$$.99 SOURCE OTCOST.
 01 VSIDET TYPE DETAIL LINE PLUS 2.
    03 COLUMN 24 PIC X(33) SOURCE WDESC.
    03 COLUMN 59 PIC XX SOURCE BOTYR.
    03 COLUMN 62 PIC XX SOURCE BOTFUN.
    03 COLUMN 65 PIC XXX SOURCE BOTORG.
    03 COLUMN 69 PIC XX  SOURCE BOTPRO.
    03 COLUMN 72 PIC XX  SOURCE BOTPRA.
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        03 COLUMN 75 PIC XXX SOURCE BOTCRS.
        03 COLUMN 79 PIC XXXX SOURCE BOTEXP.
        03 COLUMN 84 PIC XXX  SOURCE BOTSEQ.
        03 COLUMN 89 PIC ZZZZZ.99 SOURCE SFUNDB.
        03 COLUMN 96 PIC $$$$,$$$.99 SOURCE BOTCOST.
        03 COLUMN 110 PIC ZZZZ.9 SOURCE WUNITS.
        03 COLUMN 117 PIC $$$$,$$$.99 SOURCE OTCOST.
    01 TYPE CONTROL FOOTING BOTORG LINE PLUS 2 NEXT GROUP NEXT PAGE.
        03 COLUMN 88  PIC A(13) VALUE  'TOTAL SCHOOL '.
        03 COLUMN 101 PIC XXX SOURCE SORG.
        03 COLUMN 106 PIC $$,$$$,$$$.99 SOURCE TSCH.
    01 TYPE CONTROL FOOTING    BOTCVNO LINE PLUS 2.
        03 COLUMN 77  PIC A(13) VALUE 'TOTAL CAT.NO.'.
        03 COLUMN 91  PIC X(6) SOURCE SCNO.
        03 COLUMN 98 PIC ZZZZZ.9 SOURCE TUCAT.
        03 COLUMN 106 PIC $$,$$$,$$$.99 SOURCE TCAT.
        03 LINE PLUS 2
           COLUMN 87  PIC A(13) VALUE 'TOTAL VENDOR '.
        03 COLUMN 100 PIC XXXX SOURCE SVNO.
        03 COLUMN 106 PIC $$,$$$,$$$.99  SOURCE TVEN.
        03 LINE PLUS 2 COLUMN 2 PIC XX VALUE '  '.
    01 VCAT TYPE DETAIL LINE PLUS 2.
        03 COLUMN 77  PIC A(13) VALUE 'TOTAL CAT.NO.'.
        03 COLUMN 91  PIC X(6) SOURCE SCNO.
        03 COLUMN 98 PIC ZZZZZ.9 SOURCE TUCAT.
        03 COLUMN 106 PIC $$,$$$,$$$.99 SOURCE TCAT.
    01 TYPE CONTROL FOOTING FINAL LINE PLUS 2.
        03 COLUMN 96 PIC $$$,$$$,$$$.99 SOURCE TDIST.
        03 COLUMN 111 PIC A(13) VALUE 'TOTAL DIST.  '.
        03 COLUMN 124 PIC XXXX SOURCE PDIST.
    RD VV-REPORT CONTROLS ARE FINAL, BOTCVNO
        PAGE 61 LINES HEADING 2 FIRST DETAIL 8 LAST DETAIL 57
        FOOTING 61.
        01 V TYPE PAGE HEADING LINE 2.
        03 COLUMN 3 PIC A(33) VALUE 'V E N D O R   O R D E R   L I S
-       'T'.
        03 LINE 4 COLUMN 3 PIC A(5) VALUE 'DIST.'.
        03 COLUMN 9 PIC X(25) SOURCE PCDIST.
        03 COLUMN 36 PIC X(9) VALUE 'BY VENDOR'.
        03 COLUMN 66 PIC X(11)  VALUE  '     DATE  '.
        03 COLUMN 77 PIC X(18) SOURCE RET-DATE.
        03 COLUMN 95 PIC A(11) VALUE '      PAGE '.
        03 COLUMN 106 PIC  ZZ9 SOURCE PAGE-COUNTER OF VV-REPORT.
        03 LINE 6 COLUMN 2 PIC X(8) VALUE 'VENDOR--'.
        03 COLUMN 10 PIC XXXX SOURCE BOTCVNO.
        03 COLUMN 16 PIC X(21) VALUE 'D E S C R I P T I O N'.
        03 COLUMN 51 PIC X(83) VALUE '--A C C O U N T   C O D E--  FU
-        'NCTION   S C H O O L     UNIT     UNITS  TOTAL COST'.
        03 LINE 7 COLUMN 8 PIC X(6) VALUE 'CAT NO'.
        03 COLUMN 81 PIC X(6) VALUE 'OBJECT'.
        03 COLUMN 107 PIC X(4) VALUE 'COST'.
    01 VVDET TYPE DETAIL LINE PLUS 1.
        03 COLUMN 2 PIC X(4) SOURCE  BOTCVNO.
        03 COLUMN 8  PIC X(6) SOURCE BOTCCATNO.
        03 COLUMN 16 PIC X(33) SOURCE WDESC.
        03 COLUMN 51 PIC XX SOURCE BOTYR.
        03 COLUMN 54 PIC XX SOURCE BOTFUN.
        03 COLUMN 57 PIC XXX SOURCE BOTORG.
        03 COLUMN 61 PIC XX  SOURCE BOTPRO.
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        03 COLUMN 64 PIC XX  SOURCE BOTPRA.
        03 COLUMN 67 PIC XXX SOURCE BOTCRS.
        03 COLUMN 71 PIC XXXX SOURCE BOTEXP.
        03 COLUMN 76 PIC XXX  SOURCE BOTSEQ.
        03 COLUMN 80 PIC ZZZZZ.99 SOURCE SFUNOB.
        03 COLUMN 89 PIC X(12) SOURCE WNAM.
        03 COLUMN 102 PIC $$$$,$$$.99 SOURCE BOTCOST.
        03 COLUMN 114 PIC ZZZZ.9 SOURCE  WUNITS.
        03 COLUMN 121 PIC $$$$,$$$.99 SOURCE OTCOST.
    01 VCDET TYPE DETAIL LINE PLUS 2.
        03 COLUMN 8  PIC X(6) SOURCE BOTCCATNO.
        03 COLUMN 16 PIC X(33) SOURCE WDESC.
        03 COLUMN 51 PIC XX SOURCE BOTYR.
        03 COLUMN 54 PIC XX SOURCE BOTFUN.
        03 COLUMN 57 PIC XXX SOURCE BOTORG.
        03 COLUMN 61 PIC XX  SOURCE BOTPRO.
        03 COLUMN 64 PIC XX  SOURCE BOTPRA.
        03 COLUMN 67 PIC XXX SOURCE BOTCRS.
        03 COLUMN 71 PIC XXXX SOURCE BOTEXP.
        03 COLUMN 76 PIC XXX  SOURCE BOTSEQ.
        03 COLUMN 80 PIC ZZZZZ.99 SOURCE SFUNOB.
        03 COLUMN 89 PIC X(12) SOURCE WNAM.
        03 COLUMN 102 PIC $$$$,$$$.99 SOURCE BOTCOST.
        03 COLUMN 114 PIC ZZZZ.9 SOURCE  WUNITS.
        03 COLUMN 121 PIC $$$$,$$$.99 SOURCE OTCOST.
    01 VIDET TYPE DETAIL LINE PLUS 2.
        03 COLUMN 104 PIC A(7) VALUE '*TOTAL*'.
        03 COLUMN 112 PIC ZZZZZ.9 SOURCE TUCAT.
        03 COLUMN 119 PIC $$,$$$,$$$.99 SOURCE TCAT.
    01 TYPE CONTROL FOOTING    BOTCVNO LINE PLUS 2.
        03 COLUMN 104 PIC A(7) VALUE '*TOTAL*'.
        03 COLUMN 112 PIC ZZZZZ.9 SOURCE TUCAT.
        03 COLUMN 119 PIC $$,$$$,$$$.99 SOURCE TCAT.
        03 LINE PLUS 2
           COLUMN 89 PIC A(8) VALUE 'VEND.NO.'.
        03 COLUMN 98 PIC  XXXX SOURCE SVNO.
        03 COLUMN 104 PIC A(7) VALUE '*TOTAL*'.
        03 COLUMN 119 PIC $$,$$$,$$$.99 SOURCE TVEN.
        03 LINE PLUS 2 COLUMN 2 PIC XX VALUE '  '.
    01 TYPE CONTROL FOOTING FINAL LINE PLUS 2.
        03 COLUMN 80 PIC A(9) VALUE '**TOTAL**'.
        03 COLUMN 96 PIC $$$,$$$,$$$.99 SOURCE TDIST.
    PROCEDURE DIVISION.
        OPEN INPUT PCARD, INPUT BFILE.
        ENTER LINKAGE.
        CALL 'STAMP', USING DATES, ARG.
        ENTER COBOL.
    STARTA.
        READ PCARD AT END GO TO CLOSE-CARD.
        IF PTYP = 'P' GO TO GOT-PCARD.
        DISPLAY 'RUN PARM CARD MISSING---', PCRD.
        GO TO CLOSE-CARD.
    GOT-PCARD.
        MOVE PDIST TO PCDIST.
        MOVE PDISTNO TO PCDNO.
        MOVE PRNO TO PCRNO.
        MOVE PRUN TO PCTYP.
        PERFORM BILD-ORG THRU END-ORG.
        MOVE ZEROS TO ORGSS.
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       IF PCTYP = '1' GO TO SCH-RUN.
       IF PCTYP = '2' GO TO VEN-RUN.
       DISPLAY  'INVALID RUN TYPE INDICATOR'.
       GO TO CLOSE-CARD.
   BILD-ORG.
       READ PCARD AT END GO TO END-ORG.
       IF PSNC  = '999' GO TO END-ORG.
       ADD 1 TO ORGSS.
       IF ORGSS   50 DISPLAY 'EXCESS ORG NAME CARD', PCRD,
               GO TO BILD-ORG.
       MOVE PSNO  TO ORGNUM (ORGSS).
       MOVE PSNAM TO ORGNAM (ORGSS).
       GO TO BILD-ORG.
   END-ORG.
       EXIT.
   FIND-ORG.
       ADD 1 TO ORGSS.
       IF  ORGSS   50 GO TO FDA-ORG.
       IF ORGNUM (ORGSS) = '999' GO TO FDA-ORG.
       IF BOTORG OF BOTAC NOT = ORGNUM (ORGSS) GO TO FIND-ORG.
       MOVE ORGNUM (ORGSS) TO WORG.
       MOVE ORGNAM (ORGSS) TO WNAM.
   FD-ORG.
       MOVE ZEROS TO ORGSS.
   FD-ORG-EXIT.
       EXIT.
   FDA-ORG.
       MOVE '999' TO WORG.
       MOVE 'SCHOOL NO NAME            ' TO WNAM.
       GO TO FD-ORG.
   VEN-RUN.
       OPEN OUTPUT OTLIST.
       INITIATE VV-REPORT.
   VEN-RUNA.
       READ BFILE AT END GO TO CLOSE-VV-SERIES.
       IF BOTCCOD = '1' GO TO VEN-RUNA.
       IF BOTRTYP = '4' OR '5'
         GO TO SKIP-CATNO-CHECK
         ELSE GO TO VEN-RUNA.
   SKIP-CATNO-CHECK.
       MOVE SPACES TO WDESC.
       IF BOTRTYP = '5' GO TO TYPE-5.
       MOVE NFONOD TO SFUNOB.
       MOVE BOTCDESC TO DES5A.
       GO TO COMPUTE-WUNITS.
   TYPE-5.
       MOVE NFONOD TO SFUNOB.
       MOVE SPACES TO BOTCCATNO.
       MOVE BOTDAUTH TO DES4A.
       MOVE BOTDTIT TO DES4T.
   COMPUTE-WUNITS.
       COMPUTE WUNITS ROUNDED = (QUANBOTC * BOTPCTC).
       PERFORM FIND-ORG THRU FD-ORG.
       ON 1 MOVE BOTCVNO TO SVNO,
         GENERATE VVDET,
         GO TO ADD-UNITS.
       IF SVNO NOT =  BOTCVNO
         GENERATE VVDET,
         MOVE BOTCCATNO TO SCNO,
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          MOVE BOTCVNC TO SVNO,
          MOVE ZERCS TO TVEN, TCAT,TUCAT ELSE
        IF (BOTCCATNO = SPACES OR SCNO)
          GENERATE VCDET
        ELSE
              GENERATE VIDET,
        GENERATE VCDET,
          MOVE BOTCCATNO TO SCNO,
          MOVE ZERCS TO TUCAT, TCAT
    ADD-UNITS.
        ADD WUNITS TO TUCAT.
        ADD OTCOST TO TCAT, TVEN, TDIST.
        GO TC VEN-RUNA.
    SCH-RUN.
        OPEN OUTPUT OTLIST.
        INITIATE VS-REPORT.
    READ-SCH.
        READ BFILE AT END GO TO CLOSE-VS-SERIES.
        IF BCTCCOD = '1' GO TO READ-SCH.
        ON 1 PERFORM FIND-ORG THRU FD-ORG,
          MOVE BOTORG TO SORG,
          MOVE BOTCVNO TO SVNO,
          MOVE BOTCCATNO TO SCNO.
    CHECK-REC-TYPE.
        IF BCTRTYP = '4' OR '5'
        GO TC SKIP-REREAD.
        GO TC READ-SCH.
    SKIP-REREAD.
        MOVE SPACES TC WDESC.
        IF BCTRTYP = '5' GO TO REC-TYPE-5.
        MOVE NFONOC TO SFUNOB.
        MOVE BCTCDESC TO DES5A.
        GO TO WUNITS-COMPUTE.
    REC-TYPE-5.
        MOVE NFONOE TC SFUNOB.
        MOVE SPACES TC BOTCCATNO.
        MOVE BCTDAUTH TO DES4A.
        MOVE BCTDTIT TO DES4T.
    WUNITS-COMPUTE.
        COMPUTE WUNITS ROUNDED = (QUANBOTC * BOTPCTC).
        ON 1 GENERATE VSDET,
        GO TC ADD-UNIT.
        IF BOTORG NOT = SORG
        PERFORM FIND-ORG THRU FD-ORG,
          GENERATE VSDET,
          MOVE BOTCCATNO TO SCNO,
          MOVE BOTORG TO SORG,
        MOVE BCTCVNO TO SVNO,
          MOVE ZERCS TO TUCAT, TCAT, TVEN, TSCH ELSE
        IF SVNC NOT = BOTCVNO
          GENERATE VSDET,
          MOVE BOTCCATNO TO SCNO,
          MOVE BOTCVNO TO SVNO,
          MOVE  ZEROS TO  TCAT, TUCAT, TVEN
        ELSE
        IF (BOTCCATNO = SPACES OR SCNO)
          GENERATE VSIDET
        ELSE GENERATE VCAT,
          MOVE BOTCCATNO TO SCNO,
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    MOVE ZEROS TO  TUCAT, TCAT,
       GENERATE VSCDET.
ADD-UNIT.
    ADD WUNITS TO TUCAT.
    ADD CTCOST  TO TCAT, TVEN, TSCH, TDIST.
    GO TO READ-SCH.
CLOSE-VV-SERIES.
    TERMINATE VV-REPORT.
    CLOSE CTLIST, BFILE, PCARD.
    STOP RUN.
CLOSE-VS-SERIES.
    TERMINATE VS-REPORT.
    CLOSE CTLIST, BFILE, PCARD.
    STOP RUN.
CLOSE-CARD.
    CLOSE PCARD.
    STOP RUN.
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IDENTIFICATION DIVISION.
PROGRAM-ID. SCH21.
AUTHOR. AL MARSH.
DATE WRITTEN. DEC 1971.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-360-H65.
OBJECT-COMPUTER. IBM-360-H65.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT FOCARDS ASSIGN TO UT-S-FORC.
    SELECT FFILE   ASSIGN TO UT-S-FFIL.
    SELECT PFILA   ASSIGN TO UT-S-PFILA.
DATA DIVISION.
FILE SECTION.
FD  FOCARDS
    LABEL RECORD IS OMITTED
    RECORD CONTAINS 80 CHARACTERS
    RECORDING MODE IS F
    DATA RECORD IS PARC, FOCD.
01  FOCD.
    02  FNONAM.
        03  FONO    PIC X(7).
        03  NFONO REDEFINES FONO PIC 99999V99.
        03  FONAM   PIC X(30).
    02  FTNUM.
        03  FROMNO  PIC 99999.
        03  TONO    PIC 99999.
        03  FILLER  PIC X(13).
    02  FVAR.
        03  NIND    PIC X.
        03  NNAM    PIC X(19).
    02  FDOL REDEFINES FVAR.
        03  FBUD    PIC X(10).
        03  NBUD REDEFINES FBUD PIC 99999999V99.
        03  FEXP    PIC X(10).
        03  NEXP REDEFINES FEXP PIC 99999999V99.
01  PARC.
    03  FILLER  PIC X(80).
FD  FFILE
    LABEL RECORD IS STANDARD                                FIBUDCUP
    RECORDING MODE IS F                                     FIBUDCUP
    RECORD CONTAINS 121 CHARACTERS
    BLOCK CONTAINS 60 RECORDS
    DATA RECORD IS BRECOT.                                  FIBUDCUP
01  BRECOT.                                                 FIBUDCUP
    02  PRTPORT.
    03  BOTAC.                                              FIBUDCUP
        05  BOTYR   PIC XX.                                 FIBUDCUP
        05  BOTFUN  PIC XX.                                 FIBUDCUP
        05  BOTORG  PIC XXX.                                FIBUDCUP
        05  BOTPRO  PIC XX.                                 FIBUDCUP
        05  BOTPRA  PIC XX.                                 FIBUDCUP
        05  BOTCRS  PIC XXX.                                FIBUDCUP
        05  BOTEXP  PIC XXXX.                               FIBUDCUP
        05  BOTSEQ  PIC XXX.                                FIBUDCUP
    03  BOTACTIONCODES.                                     FIBUDCUP
        05  BOTRTYP PIC X.                                  FIBUDCUP
        05  BOTDCOD PIC X.                                  FIBUDCUP
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    05  BOTRCCD PIC X.                                              FIBUDCUP
    05  BOTRUNC PIC XX.                                             FIBUDCUP
    05  BOTRUNON REDEFINES BOTRUNO PIC 99.
 03 BOTFONC      PICTURE X(7).
 03 BOFONON REDEFINES BOTFONO  PICTURE 99999V99.
 03 BOTDESA.                                                        FIBUDCUP
    05  FILLER        PIC X.                                        FIBUDCUP
    05  BOTTCCD       PIC XXX.                                      FIBUDCUP
    05  BOTTNAM                                                     FIBUDCUP
        07  BCLNAM  PIC X(12).                                      FIBUDCUP
        07  BCINIT  PIC X.                                          FIBUDCUP
    05  BOTCNAM       PIC X(12).                                    FIBUDCUP
    05  BOTOCCD       PIC X.                                        FIBUDCUP
    05  BOTSAL        PIC X(7).                                     FIBUDCUP
    05  SALBOT REDEFINES BOTSAL PIC 99999V99.                       FIBUDCUP
    05  NAFONC  PICTURE X(7).
    05  NFONOA REDEFINES NAFONO PICTURE 99999V99.
    05  BOTPCT        PIC X(6).
    05  PCTBOT REDEFINES BOTPCT PIC  9999V99.
    05  BOTCOST       PIC 999999V99.
    05  COSTBOT REDEFINES BOTCOST PIC X(8).
 03 BOTDESB REDEFINES BOTDESA.                                      FIBUDCUP
    05  BOTAPCCD      PIC XXXX.                                     FIBUDCUP
    05  BOTANAME      PIC X(17).
    05  BOTASAL       PIC X(7).                                     FIBUDCUP
    05  SALBOTA REDEFINES BOTASAL PIC 99999V99.                     FIBUDCUP
    05  BOTASHR       PIC XXXX.
    05  HRSBOTA REDEFINES BOTASHR PIC 99V99.
    05  BOTAHRDA      PIC XX.                                       FIBUDCUP
    05  HRDABOTA REDEFINES BOTAHRDA PIC 9V9.
    05  BOTADAYR      PIC XXX.                                      FIBUDCUP
    05  DAYRBOTA REDEFINES BOTADAYR PIC 999.                        FIBUDCUP
    05  NBFONC  PICTURE X(7).
    05  NFONOB REDEFINES NBFONO PICTURE 99999V99.
    05  BOTAPCT       PIC  9999V99.
    05  BOTACOST      PIC 999999V99.
 03 BOTDESC REDEFINES BOTDESB.                                      FIBUDCUP
    05  BOTBDESC      PIC X(37).
    05  NCFONC  PICTURE X(7).
    05  NFONOC REDEFINES NCFONO PICTURE 99999V99.
    05  BOTBPCT       PIC X(6).
    05  PCTBOTB REDEFINES BOTBPCT PIC  9999V99.
    05  BOTBCOST      PIC 999999V99.
 03 BOTDESD REDEFINES BOTDESC.                                      FIBUDCUP
    05  BOTCVNO       PIC XXXX.                                     FIBUDCUP
    05  BOTCDESC      PIC X(26).
    05  NDFONC  PICTURE X(7).
    05  NFONOD REDEFINES NDFONO PICTURE 99999V99.
    05  BOTCCATNO     PIC X(6).
    05  BOTUQ.                                                      FIBUDCUP
        07  BOTCPCT PIC XXX.
        07  CBOTPCT REDEFINES BOTCPCT PIC 9V99.
        07  BOTCQUAN PIC XXXX.                                      FIBUDCUP
        07  QUANBOTC REDEFINES BOTCQUAN PIC 9999.                   FIBUDCUP
    05  BOTCCOST      PIC 999999V99.
 03 BOTDESE REDEFINES BOTDESD.                                      FIBUDCUP
    05  BOTDPUBNO     PIC XXXX.                                     FIBUDCUP
    05  BOTDAUTH      PIC X(12).
    05  BOTDTIT       PIC X(20).
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            05  NEFONC PICTURE X(7).
            05  NFCNOE REDEFINES NEFONO PICTURE 99999V99.
            05  BOTDPCT PIC XXX.
                05  DBOTPCT REDEFINES BOTDPCT PIC 9V99.
            05  BOTDQUAN     PIC XXXX.                                    FIBUDCUP
                05  DBOTQUAN REDEFINES BOTDQUAN PIC 9999.
            05  BOTDCOST     PIC 999999V99.
        03  COSTOT   PIC X(8).                                            FIBUDCUP
        03  DTCOST REDEFINES COSTOT PIC 999999V99.                        FIBUDCUP
        03  BCTPRNAM     PIC X(10).
        02  FILPORT.
        03  FILLER       PIC X(12).
    FD  PFILA
        LABEL RECORD IS OMITTED
        RECORDING MODE IS F
        DATA RECORD IS PRT.
    01  PRT.
        03  FILLER  PIC X(133).
    WORKING-STORAGE SECTION.
    77  STORFONO      PIC X(7) VALUE ZEROS
    77  PRTSW   PIC 9 VALUE ZERO.
    77  FEOFSWX       PIC 9 VALUE ZERO.
    77  FOLSS         PIC 999  VALUE 001.
    77  FOLCHK        PIC 999  VALUE ZEROS.
    77  FOASS         PIC 999  VALUE 001.
    77  LONO          PIC X(7).
    77  PLCTR         PIC 99   VALUE ZEROS.
    77  NOADD         PIC 9    VALUE ZERO.
    77  ERR-TOT       PIC 99999999V99 VALUE ZEROS.
    77  ARG PIC S99999 USAGE COMPUTATIONAL, SYNC, VALUE +5.
    01  DATES.
        03  DAT PIC XXXX OCCURS 11 TIMES.
    01  DTE REDEFINES DATES.
        03  RET-DATE PIC X(18).
        03  FILLER   PIC X(26).
    01  BLKLIN.
        03  FILLER  PIC X(133) VALUE SPACES.
    01  BKFO.
        03 TOPFO     PIC 99999.
        03 FILLER    PIC V99.
        03 FRFC      PIC 99999.
        03 FILLER    PIC V99.
        03 TOFC      PIC 99999.
        03 FILLER    PIC V99.
        03 GTOPFO    PIC 99999.
        03 FILLER    PIC V99.
    01  PSTORE.
        03  PRFRP    PIC 99999.
        03  D1       PIC X VALUE '-'.
        03  PRTOP    PIC 99999.
    01  TSTORE.
        03  PRFRT    PIC 99999.
        03  D2       PIC X VALUE '-'.
        03  PRTOT    PIC 99999.
    01  STOREP.
        03  NP       PIC X(19).
        03  FP       PIC X(11).
    01  STORET.
        03  NT       PIC X(19).
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    03  FT        PIC X(11).
01  STORED.
    03  DN   PIC X(19).
    03  DF   PIC X(11).
01  PTOTALS.
    03  PVXTOT        PIC 99999999V99 VALUE ZEROS.
    03  PVBTOT        PIC 99999999V99 VALUE ZEROS.
    03  PPBTOT        PIC 99999999V99 VALUE ZEROS.
01  STOTALS.
    03  SVXTOT        PIC 99999999V99 VALUE ZEROS.
    03  SVBTOT        PIC 99999999V99 VALUE ZEROS.
    03  SPBTOT        PIC 99999999V99 VALUE ZEROS.
01  TTOTALS.
    03  TVXTOT        PIC 99999999V99 VALUE ZEROS.
    03  TVBTOT        PIC 99999999V99 VALUE ZEROS.
    03  TPBTOT        PIC 99999999V99 VALUE ZEROS.
01  LTOTALS.
    03  LVXTOT  PIC 99999999V99 VALUE ZEROS.
    03  LVBTOT  PIC 99999999V99 VALUE ZEROS.
    03  LPBTOT  PIC 99999999V99 VALUE ZEROS.
01  DTOTALS.
    03  DVXTOT        PIC 99999999V99 VALUE ZEROS.
    03  DVBTOT        PIC 99999999V99 VALUE ZEROS.
    03  DPBTOT        PIC 99999999V99 VALUE ZEROS.
01  STFOINFO.
    03  STFONO.
        05  STPHI    PIC X(7) VALUE ZEROS.
        05  STTLH    PIC X(14) VALUE ZEROS.
        05  STTHI    PIC X(7)  VALUE ZEROS.
    03  STFOTI        PIC X(19) VALUE SPACES.
    03  STFOP         PIC X(19) VALUE SPACES.
01  PRTSOURCE.
    03  PRTFO         PIC 99999V99.
    03  PRTTI         PIC X(30).
01  SOURCEPRT REDEFINES PRTSOURCE.
    03  FOPRT         PIC X(7).
    03  TIPRT         PIC X(30).
01  STORPAR.
    03  FILLER  PIC X(7)   VALUE SPACES.
    03  SNAMDIS PIC X(25)  VALUE SPACES.
    03  SYEARS  PIC X(17)  VALUE SPACES.
    03  STFRYRS PIC X(9)   VALUE SPACES.
    03  STTOYRS PIC X(9)   VALUE SPACES.
    03  FILLER  PIC X(6).
    03  SCHEDN1 PIC X.
    03  SCHEDN2 PIC X.
    03  SCHINDS.
        05  SCHON   PIC X.
        05  SCHTW   PIC X.
        05  SCHTTH  PIC X.
        05  SCHTFR  PIC X.
        05  SCHTFV  PIC X.
01  PGCTR.
    03  PGENO   PIC 99 VALUE 1.
    03  NOPGE REDEFINES PGENO.
        05  NOPA    PIC X.
        05  NOPB    PIC X.
01  FOTABLE.
    03  FOENTRY OCCURS 450 TIMES PIC X(80).
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01  FCWAREA.
    03  WFCNUM  PIC 99999V99.
    03  XFCNUM REDEFINES WFCNUM PIC X(7).
    03  WFCNAM  PIC X(30).
    03  WFRTO.
        05  WFROM   PIC 99999.
        05  WTC     PIC 99999.
        05  WFILA   PIC X(13).
    03  WVAR.
        05 WIND PIC X.
        05 WFIL PIC X(19).
    03  VARW REDEFINES WVAR.
        05  WFEXP   PIC X(10).
        05  WEXPF REDEFINES WFEXP PIC 99999999V99.
        05  WFBUD   PIC X(10).
        05  WBUDF REDEFINES WFBUD PIC 99999999V99.
01  RTITL.
    03  FILLER PIC X(8) VALUE SPACES.
    03  FILLER  PIC XX VALUE SPACES.
    03  RA      PIC X(18) VALUE 'S C H E D U L E   '.
    03  RS1     PIC X VALUE '2'.
    03  FILLER  PIC X VALUE SPACES.
    03  RS2     PIC X VALUE '1'.
    03  FILLER  PIC XXX VALUE SPACES.
    03  RCCNT   PIC X(7) VALUE SPACES.
    03  FILLER  PIC X(5) VALUE SPACES.
    03  NAMDIS  PIC X(25) VALUE SPACES.
    03  FILLER  PIC X(5) VALUE SPACES.
    03  PRTDTE  PIC X(18) VALUE SPACES.
    03  FILLER  PIC X(5) VALUE SPACES.
    03  RB      PIC XX  VALUE '- '.
    03  RP1     PIC X   VALUE '0'.
    03  FILLER  PIC X   VALUE SPACES.
    03  RP2     PIC X   VALUE '1'.
    03  RC      PIC XX  VALUE ' -'.
    03  FILLER  PIC X(29) VALUE SPACES.
01  RNAME.
    03  FILLER PIC X(8) VALUE SPACES.
    03  RNA     PIC X(26) VALUE 'D E T A I L E D   C O M P '.
    03  RNB     PIC X(27) VALUE 'A R A T I V E   B U D G E T'.
    03  FILLER  PIC X(6)  VALUE SPACES.
    03  RNCTE   PIC X(17) VALUE '1 9 7 2 - 1 9 7 3'.
    03  FILLER  PIC X(49) VALUE SPACES.
01  RPAR.
    03  FILLER  PIC X(8) VALUE SPACES.
    03  RPGF    PIC X(30) VALUE 'GENERAL FUND  10000-79999     '.
    03  FILLER  PIC XXX VALUE SPACES.
    03  RPPBRK  PIC X(30) VALUE 'ADMINISTRATION  10000-19999   '.
    03  FILLER  PIC XXX VALUE SPACES.
    03  RPIBRK  PIC X(30) VALUE 'BOARD OF EDUCATION 10000-10999'.
    03  FILLER  PIC X(29) VALUE SPACES.
01  CPHDA.
    03  FILLER  PIC X(94) VALUE SPACES.
    03  CPHA    PIC X(8)  VALUE 'PROPOSED'.
    03  FILLER  PIC X(31) VALUE SPACES.
01  CPHDB.
    03  FILLER  PIC X(58) VALUE SPACES.
    03  CPHB    PIC X(29) VALUE
        'EXPENDED             BUDGETED   '.
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           03  CPHBA    PIC X(13) VALUE '        BUDGET'.
           03  FILLER   PIC X(33) VALUE SPACES.
       01  CPHDC.
           03  FILLER   PIC X(58) VALUE SPACES.
           03  CPHC     PIC X(9)  VALUE SPACES.
           03  FILLER   PIC X(9)  VALUE SPACES.
           03  CPHD     PIC X(9)  VALUE SPACES.
           03  FILLER   PIC X(9)  VALUE SPACES.
           03  CPHE     PIC X(9)  VALUE SPACES.
           03  FILLER   PIC X(30) VALUE SPACES.
       01  DLINE.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  FOMASK   PIC ZZZZZ.99.
           03  FILLER   PIC X(4) VALUE SPACES.
           03  FOTITL   PIC X(30) VALUE SPACES.
           03  FILLER   PIC X(4) VALUE SPACES.
           03  DDCL1    PIC X     VALUE SPACES.
           03  VXMASK   PIC  ZZ,ZZZ,ZZZ.99.
           03  FILLER   PIC X(4) VALUE SPACES.
           03  DDCL2    PIC X     VALUE SPACES.
           03  VBMASK   PIC  ZZ,ZZZ,ZZZ.99.
           03  FILLER   PIC X(4) VALUE SPACES.
           03  DDCL3    PIC X     VALUE SPACES.
           03  PBMASK   PIC  ZZ,ZZZ,ZZZ.99.
           03  FILLER   PIC X(28) VALUE SPACES.
       01  LLINE.
           03  FILLER   PIC X(54) VALUE SPACES.
           03  APCRT    PIC X(18) VALUE '--------------    '.
           03  BPCRT    PIC X(18) VALUE '--------------    '.
           03  CPCRT    PIC X(14) VALUE '--------------'.
           03  FILLER   PIC X(29) VALUE SPACES.
       01  TLINE.
           03  FILLER   PIC X(26) VALUE SPACES.
           03  FILLER   PIC X(2)  VALUE SPACES.
           03  TWORD    PIC X(6) VALUE 'TOTAL '.
           03  TNAM     PIC X(19) VALUE SPACES.
           03  FILLER   PIC X     VALUE SPACES.
           03  TXMASK   PIC $ZZ,ZZZ,ZZZ.99.
           03  FILLER   PIC X(4)  VALUE SPACES.
           03  TBMASK   PIC $ZZ,ZZZ,ZZZ.99.
           03  FILLER   PIC X(4) VALUE SPACES.
           03  TPMASK   PIC $ZZ,ZZZ,ZZZ.99.
           03  FILLER   PIC X(29) VALUE SPACES.
       01  STRNAMES.
           03  CONT PIC X(30) VALUE '                 (CONTINUED)'.
       PROCEDURE DIVISION.
           OPEN INPUT FOCARDS.
       CLEAN-CORE.
           CALL 'STAMP', USING DATES, ARG.
           MOVE RET-DATE TO PRTDTE.
           GO TO FO-READ-LOAD.
       FO-LOAD-FINISH.
           MOVE XFONUM TO LONO.
           MOVE SCHEDN1 TO RS1.
           MOVE SCHEDN2 TO RS2.
           OPEN INPUT FFILE.
           OPEN OUTPUT PFILA.
           MOVE SPACES TO PRT.
           PERFORM HD-ROUT THRU HD-ROUT-EXIT.
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    MOVE FCENTRY (FOASS) TO FOWAREA.
ADD-MONEY.
    IF WFBUD IS NUMERIC  ADD WBUDF TO LVBTOT,
         ADD WBUDF TO PVBTOT, SVBTOT, TVBTOT, DVBTOT.
    IF WFEXP IS NUMERIC  ADD WEXPF TO LVXTOT,
         ADD WEXPF TO PVXTOT, SVXTOT, TVXTOT, DVXTOT.
READ-FIRST.
    READ FFILE AT END GO TO FFEOF.
    IF BOTDCOD = '1' GO TO READ-FIRST.
    IF BOTFONO ) LONO
     DISPLAY 'LOW OR NNUM FOCODE',
     DISPLAY 'FILE  ', BOTFONO, 'LONUM  1000000  ', OTCOST,
     ADD OTCOST TO ERR-TOT,
     GO TO READ-FIRST.
AROUND-AGAIN.
    IF BOTFONO = WFONUM GO TO FO-MATCH.
    IF BOTFONO   WFONUM GO TO TOTN-FO-BUMP.
ERR-FO-DISPLAY.
    DISPLAY 'FO-CODE ON FILE NOT IN TABLE'.
    DISPLAY 'FILE  ', BOTFONO, 'TABLE  ', WFONUM, '  ', OTCOST.
    ADD OTCOST TO ERR-TOT.
    GO TO READ-FIRST.
FO-MATCH.
    ADD OTCOST TO PPBTOT, SPBTOT, TPBTOT, DPBTOT, LPBTOT.
    GO TO READ-FIRST.
TOTN-FO-BUMP.
    PERFORM D-LINE-T.
    PERFORM PRT-DET-LINE.
TOTN-FO-A.
    IF PLCTR   42 PERFORM NEXT-PAGE.
TOT-FO-RET.
    ADD 1 TO FOASS.
    IF FOASS   FOLCHK GO TO CLOSE-ALL.
    MOVE FCENTRY (FOASS)  TO FOWAREA.
TOT-FO-INC.
    IF WINC = 'T' GO TO INC-FO-PAR.
    IF WFBUD IS NUMERIC  ADD WBUDF TO LVBTOT,
         ADD WBUDF TO PVBTOT, SVBTOT, TVBTOT, DVBTOT.
    IF WFEXP IS NUMERIC  ADD WEXPF TO LVXTOT,
         ADD WEXPF TO PVXTOT, SVXTOT, TVXTOT, DVXTOT.
TOT-FO-INCA.
    GO TO AROUND-AGAIN.
INC-FO-PAR.
    IF PLCTR   42 PERFORM NEXT-PAGE.
    WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
    ADD 1 TO PLCTR.
INC-FO-PAR-RET.
    MOVE WFIL TO TNAM.
    MOVE PVXTOT TO TXMASK.
    MOVE PVBTOT TO TBMASK.
    MOVE PPBTOT TO TPMASK.
    MOVE ZEROS TO PTOTALS.
    WRITE PRT FROM TLINE AFTER POSITIONING 1 LINES
    ADD 2 TO PLCTR.
    WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
NEXTFOPAR.
    ADD 1  TO FOASS.
    IF FOASS   FOLCHK GO TO CLOSE-ALL.
    MOVE FCENTRY (FOASS) TO FOWAREA.
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           IF WINC ='T' GO TO INC-FO-DIV.
           IF WINC = 'Z' GO TO RESET-P-TITLE.
           DISPLAY 'CONTROL CARDS OUT OF SYNC'.
           DISPLAY FOWAREA,BOTFONO, GO TO FFEOF.
       INC-FO-DIV.
           IF WTO = 9 MOVE ZEROS TO STOTALS, LTOTALS, GO TO NEXTFOPARA.
           IF WTO = ZEROS PERFORM LEVEL-TOTALS, GO TO NEXTFOPAR.
           IF PLCTR   42 PERFORM NEXT-PAGE.
           WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
           MOVE WFIL TO TNAM.
           MOVE SVXTOT TO TXMASK.
           MOVE SVBTOT TO TBMASK.
           MOVE SPBTOT TO TPMASK.
           MOVE ZEROS TO STOTALS, LTOTALS.
           WRITE PRT FROM TLINE AFTER POSITIONING 1 LINES.
           ADD 3 TO PLCTR.
           WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
       NEXTFOPARA.
           ADD 1 TO FOASS.
           IF FOASS   FOLCHK GO TO CLOSE-ALL.
           MOVE FOENTRY (FOASS) TO FOWAREA.
           IF WINC = 'T' GO TO INC-FO-FD.
           IF WINC = 'Y' GO TO RESET-D-TITLE.
           DISPLAY 'CONTROL CARDS OUT OF  SYNCA'.
           DISPLAY 'FOWAREA     ', FOWAREA.
       NEXT-PAR-EOF.
           GO TO FFEOF.
       RESET-P-TITLE.
           MOVE 1 TO PRTSW.
           MOVE WFIL TO NP.
           MOVE WFROM TO PRFRP.
           MOVE WTO    TO PRTOP.
           MOVE PSTORE TO FP.
           MOVE  STOREP TO RPIBRK.
           IF PLCTR   42 PERFORM NEXT-PAGE.
           ADD 1 TO FOASS.
           IF FOASS   FOLCHK GO TO CLOSE-ALL.
           MOVE FOENTRY (FOASS) TO FOWAREA.
           IF WINC NOT = 'T' AND 'X' AND 'Y' AND 'Z' GO TO RESET-P-ADD.
           DISPLAY 'CONTROL CARDS OUT OF SYNCB'.
           DISPLAY 'FOWAREA  ', FOWAREA, '  ', BOTFONO.
           GO TO FFEOF.
       RESET-P-ADD.
           IF PRTSW = 1 PERFORM WRITE-IHD.
           IF WFBUD IS NUMERIC  ADD WBUDF TO LVBTOT,
               ADD WBUDF TO PVBTOT,SVBTOT, TVBTOT,DVBTOT.
           IF WFEXP IS NUMERIC  ADD WEXPF TO LVXTOT,
               ADD WEXPF TO PVXTOT, SVXTOT, TVXTOT, DVXTOT.
       RESET-P-ADDA.
           GO TO AROUND-AGAIN.
       INC-FO-FD.
           IF PLCTR   44 PERFORM NEXT-PAGE.
           WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
           MOVE WFIL TO TNAM.
           MOVE TVXTOT TO TXMASK.
           MOVE TVBTOT TO TBMASK.
           MOVE TPBTOT TO TPMASK.
           MOVE ZEROS TO TTOTALS, STOTALS, LTOTALS, DTOTALS, PTOTALS.
           WRITE PRT FROM TLINE AFTER POSITIONING 1 LINES.
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     ADD 3 TO PLCTR.
     WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
 NEXTFOPARB.
     ADD 1 TO FOASS.
     IF FOASS   FOLCHK GO TO CLOSE-ALL.
     MOVE FCENTRY (FOASS) TO FOWAREA.
 NEXTFOPARC.
     IF WIND = 'X' NEXT SENTENCE ELSE
         DISPLAY 'CONTROL CARDS OUT OF SYNCS',
         DISPLAY 'FOWAREA     ', FOWAREA,
     GO TO FFEOF.
     PERFORM SET-REP-FUND.
     ADD 1 TO FOASS.
     IF FOASS   FOLCHK GO TO CLOSE-ALL.
     MOVE FCENTRY (FOASS) TO FOWAREA.
     IF WIND = 'Y' NEXT SENTENCE ELSE
         DISPLAY 'CONTROL CARDS OUT OF SYNCT',
         DISPLAY 'FOWAREA     ', FOWAREA,
         GO TO FFEOF.
     PERFORM SET-REP-PARA.
     ADD 1 TO FOASS.
     IF FOASS   FOLCHK GO TO CLOSE-ALL.
     MOVE FCENTRY (FOASS) TO FOWAREA.
     IF WIND = 'Z' NEXT SENTENCE ELSE
         DISPLAY 'CONTROL CARDS OUT OF SYNCU',
         DISPLAY 'FOWAREA     ', FOWAREA,
         GO TO FFEOF.
     PERFORM SET-REP-DIVA.
     ADD 1 TO FOASS.
     IF FOASS   FOLCHK GO TO CLOSE-ALL.
     MOVE FCENTRY (FOASS) TO FOWAREA.
     IF WIND = ' ' GO TO RESET-AROUND.
     IF WIND IS NUMERIC GO TO RESET-AROUND.
     DISPLAY 'RESET FUND FO CARDS MISSING',
     DISPLAY 'FOWAREA     ', FOWAREA,
     GO TO CLOSE-ALL.
 RESET-D-TITLE.
     MOVE 1 TO PRTSW.
     MOVE WFIL TO NT.
     MOVE WFROM TO PRFRT.
     MOVE WTO    TO PRTOT.
     MOVE TSTORE TO FT.
     MOVE STORET TO RPPBRK.
     ADD 1 TO FOASS.
     IF FOASS   FOLCHK GO TO CLOSE-ALL.
     MOVE FCENTRY (FOASS) TO FOWAREA.
     IF WIND NOT = 'T' AND 'X' AND 'Y' AND 'Z' GO TO RESET-D-ADD.
     IF WIND = 'Z' GO TO RESET-P-TITLE.
     DISPLAY 'CONTROL CARDS OUT OF SYNCC'.
     DISPLAY 'FOWAREA  ', FOWAREA, '  ', BOTFOND.
     GO TO FFEOF.
 RESET-D-ADD.
     IF PRTSW = 1 PERFORM WRITE-IHD.
     IF WFBUD IS NUMERIC  ADD WBUDF TO LVBTOT,
         ADD WBUDF TO PVBTOT, SVBTOT, TVBTOT, DVBTOT.
     IF WFEXP IS NUMERIC  ADD WEXPF TO LVXTOT,
         ADD WEXPF TO PVXTOT, SVXTOT, TVXTOT, DVXTOT.
 RESET-D-ADDA.
     GO TO AROUND-AGAIN.
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NEXT-PAGEA.
    PERFORM HD-ROUT THRU HD-ROUT-EXIT.
    MOVE CONT TO RPGF.
    MOVE 8 TO PLCTR.
NEXT-PAGE-A.
    GO TO TOT-FO-RET.
FFEOF.
    MOVE 1 TO FEOFSWX.
    ALTER NEXT-PAGE-A TO PROCEED TO INC-FO-PAR-RET.
    ALTER RESET-P-ADDA   TO PROCEED TO FFEOFAEXIT.
    ALTER RESET-D-ADDA   TO PROCEED TO FFEOFAEXIT.
    ALTER  TOT-FO-INCA   TO PROCEED TO FFEOFAEXIT.
FFEOFAEXIT. EXIT.
FLUSH-FO-TAB.
    IF FOASS ) FOLCHK PERFORM TOTN-FO-BUMP THRU FFEOFAEXIT
                      GO TO FLUSH-FO-TAB.
CLOSE-ALL.
    DISPLAY 'EXCLUDED DOLLARS  ', ERR-TOT.
    CLOSE FFILE.
    CLOSE PFILA.
CLOSE-FO-CARDS.
    CLOSE FOCARDS.
    STOP RUN.
FO-READ-LOAD.
    READ FOCARDS AT END GO TO MAX-TABLE.
    IF FONC = ZEROS GO TO LOAD-HEADER.
    DISPLAY 'NO REPORT IDENTIFIER', PARC.
    GO TO CLOSE-FO-CARDS.
LOAD-HEADER.
    MOVE PARC TO STORPAR.
    MOVE SNAMDIS TO NAMDIS.
    MOVE SYEARS TO RNDTE.
    MOVE STFRYRS TO CPHC, CPHD.
    MOVE SITOYRS TO CPHE.
FO-AGAIN.
    READ FOCARDS AT END GO TO MAX-TABLE.
    IF FONC   STORFONO GO TO FO-LOAD.
    IF NINC = 'X' OR 'Y' OR 'Z' OR 'T' GO TO FO-LOAD.
    GO TO FO-LOAD.
    DISPLAY 'FO-SEQUENCE', STORFONO, FOCD.
    GO TO FO-AGAIN.
FO-LOAD.
    IF FOLSS   450
        DISPLAY 'FO EXCEEDS 450', GO TO CLOSE-FO-CARDS.
    MOVE FONO TO STORFONO.
    MOVE FOCD TO FOENTRY (FOLSS).
    ADD 1 TO FOLSS, FOLCHK.
    GO TO FO-AGAIN.
FO-TAB-OVERLOAD.
    DISPLAY 'FO-TABLE OVERLOADED', PARC,  '  ' FOLCHK.
    MOVE 500 TO FOLSS.
    ADD 1 TO FOLCHK.
    GO TO FO-AGAIN.
MAX-TABLE.
    IF FOLSS   450
        DISPLAY 'FO EXCEEDS 450', GO TO CLOSE-FO-CARDS.
    DISPLAY 'FO-LOAD SIZE  ', FOLCHK.
START-FO-ACCESS.
    MOVE FOENTRY (FOASS) TO FOWAREA.
```

```
           IF WINC = 'X' GO TO SET-REP-FUND.
           DISPLAY 'REPORT TITLE FUND NOT AVAIL', FOWAREA.
           GO TO CLOSE-FO-CARDS.
       SET-REP-FUND.
           MOVE WFIL TO NP.
           MOVE WFROM TO PRFRT.
           MOVE WTO TO PRTOT.
           MOVE TSTORE TO FP.
           MOVE STOREP TO RPGF.
       SET-REP-FUNDA.
           ADD 1 TO FOASS.
           MOVE FOENTRY (FOASS) TO FOWAREA.
           IF WINC = 'Y' GO TO SET-REP-PARA.
           DISPLAY 'REPORT PARAG NOT AVAIL', FOWAREA.
           GO TO CLOSE-FO-CARDS.
       SET-REP-PARA.
           MOVE WFIL TO NP.
           MOVE WFROM TO PRFRT.
           MOVE WTO TO PRTOT.
           MOVE TSTORE TO FP.
           MOVE STOREP TO RPPBRK.
       SET-REP-PARAA.
           ADD 1 TO FOASS.
           MOVE FOENTRY (FOASS) TO FOWAREA.
           IF WINC = 'Z' GO TO SET-REP-DIVA.
           DISPLAY 'REPORT DIV NOT AVAIL', FOWAREA.
           GO TO CLOSE-FO-CARDS.
       SET-REP-DIVA.
           MOVE WFIL TO NP.
           MOVE WFROM TO PRFRT.
           MOVE WTO TO PRTOT.
           MOVE TSTORE TO FP.
           MOVE STOREP TO RPIBRK.
       SET-REP-DIVAA.
           ADD 1 TO FOASS.
           MOVE FOENTRY (FOASS) TO FOWAREA.
           IF WINC IS NUMERIC GO TO FO-LOAD-FINISH.
           IF WINC = ' ' GO TO FO-LOAD-FINISH.
           DISPLAY 'REPORT FIRST FOENTRY NOT LINE-ENTRY', FOWAREA.
           GO TO CLOSE-FO-CARDS.
       START-FO.
           ADD 1 TO FOASS.
           MOVE FOENTRY (FOASS) TO FOWAREA.
           IF WINC = 'X' GO TO PUMP-REP-FD.
           DISPLAY 'NO REPORT GENERAL FUND CARD', FOWAREA.
           GO TO CLOSE-FO-CARDS.
       PUMP-REP-FD.
           MOVE WFIL TO DN.
           MOVE WFROM TO PRFRP.
           MOVE WTO   TO PRTOP.
           MOVE PSTORE TO DF.
       PUMP-REP-FDA.
           MOVE STORED TO RPGF.
           ADD 1 TO FOASS.
           MOVE FOENTRY (FOASS) TO FOWAREA.
           IF WINC = 'Y' GO TO PUMP-REP-SUB.
           DISPLAY 'NO REPORT SUBTITLE  ', FOWAREA.
           GO TO CLOSE-FO-CARDS.
       PUMP-REP-SUB.
```

```
    PERFORM PUMP-REP-FD.
    MOVE STORED TO RPPBRK.
    ADD 1 TO FOASS.
    MOVE FOENTRY (FOASS) TO FOWAREA.
    IF WIND = 'Z' GO TO PUMP-REP-TI.
    DISPLAY 'NO REPORT SUBHD  ', FOWAREA.
    GO TO CLOSE-FO-CARDS.
PUMP-REP-TI.
    PERFORM PUMP-REP-FD.
    MOVE STORED TO RPIBRK.
    ADD 1 TO FOASS.
    MOVE FOENTRY (FOASS) TO FOWAREA.
    IF WIND NOT = 'T' AND 'X' AND 'Y' AND 'Z'
        GO TO FO-LOAD-FINISH.
    DISPLAY 'EXCESS CONTROL CARDS AT START', FOWAREA.
    GO TO CLOSE-FO-CARDS.
D-LINE-T.
    MOVE WFONUM   TO FOMASK.
    MOVE WFONAM   TO FOTITL.
    MOVE DVBTOT   TO VBMASK.
    MOVE DVXTOT   TO VXMASK.
    MOVE DPBTOT   TO PBMASK.
    MOVE ZEROS    TO DTOTALS.
HD-ROUT.
    WRITE PRT FROM RTITL AFTER POSITIONING 0 LINES.
HD-ROUTA.
    GO TO HD-ROUTB.
HD-ROUTB.
    ALTER HD-ROUTA TO PROCEED TO HD-ROUTC.
    MOVE '(CONT.)' TO RCONT.
    ADD 6 TO PLCTR.
    WRITE PRT FROM RNAME AFTER POSITIONING 2 LINES.
    WRITE PRT FROM RPAR  AFTER POSITIONING 2 LINES.
    GO TO HD-ROUTD.
HD-ROUTC.
    WRITE PRT FROM RPAR  AFTER POSITIONING 2 LINES.
HD-ROUTD.
    ADD 4 TO PLCTR.
    WRITE PRT FROM CPHDA AFTER POSITIONING 2 LINES.
    WRITE PRT FROM CPHDB AFTER POSITIONING 1 LINES.
    WRITE PRT FROM CPHDC AFTER POSITIONING 1 LINES.
    MOVE SPACES TO PRT, DLINE.
    WRITE PRT FROM DLINE AFTER POSITIONING 1 LINES.
    ADD 1 TO PGENO.
    MOVE NOPA TO RP1.  MOVE NOPB TO RP2.
    MOVE '$' TO DDOL1, DDOL2, DDOL3.
    MOVE SPACES TO RPGF.
HD-ROUT-EXIT. EXIT.
FILL-DET-LINE.
    MOVE PRTFO TO  FOMASK.
    MOVE PRTTI TO  FOTITL.
    MOVE DVXTOT TO VXMASK.
    MOVE DVBTOT TO VBMASK.
    MOVE DPBTOT TO PBMASK.
    MOVE ZERO TO NOADD.
    MOVE ZEROS TO DTOTALS.
PRT-DET-LINE.
    WRITE PRT FROM DLINE AFTER POSITIONING 1 LINES
    IF DDOL1 = '$' MOVE SPACES TO DDOL1, DDOL2, DDOL3.
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    MOVE SPACES TO PRT.
    ADD 1 TO PLCTR.
LEVEL-TOTALS.
    WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
    MOVE WFIL TO TNAM.
    MOVE LVXTOT TO TXMASK.
    MOVE LVBTOT TO TBMASK.
    MOVE LPBTOT TO TPMASK.
    MOVE ZEROS TO LTOTALS.
    WRITE PRT FROM TLINE AFTER POSITIONING 1 LINES.
    WRITE PRT FROM LLINE AFTER POSITIONING 1 LINES.
    ADD 3 TO PLCTR.
WRITE-IHD.
    IF PLCTR   40 PERFORM NEXT-PAGE.
    WRITE PRT FROM RPAR AFTER POSITIONING 2 LINES.
    MOVE '$' TO DDOL1, DDOL2, DDOL3.
    MOVE SPACES TO PRT.
    WRITE PRT FROM BLKLIN AFTER POSITIONING 1 LINES.
    MOVE ZERO TO PRTSW.
    ADD 3 TO PLCTR.
RESET-AROUND.
    ALTER HD-ROUTA TO PROCEED TO HD-ROUTB.
    MOVE ZEROS TO PLCTR.
    ALTER NEXT-PAGE-A TO PROCEED TO TOT-FO-RET.
    ALTER RESET-P-ADDA TO PROCEED TO AROUND-AGAIN.
    ALTER RESET-D-ADDA TO PROCEED TO AROUND-AGAIN.
    ALTER TOT-FO-INCA TO PROCEED TO AROUND-AGAIN.
    PERFORM HD-ROUT THRU HD-ROUT-EXIT.
    PERFORM ADD-MONEY.
    IF FEOFSWX = 1 GO TO FFEOF.
    GO TO AROUND-AGAIN.
NEXT-PAGE.
    MOVE CONT TO RPGF.
    PERFORM HD-ROUT THRU HD-ROUT-EXIT.
    MOVE 8 TO PLCTR.
    MOVE SPACES TO PRT, RPGF.
OFLO-RET.
    GO TO TOT-FO-RET.
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IDENTIFICATION DIVISION.
PROGRAM-ID. SFCLST.
AUTHOR. TOM REED.
INSTALLATION. IEIC.
DATE-WRITTEN. FEBRUARY, 1972.
DATE-COMPILED.
REMARKS.
    THIS PROGRAM LISTS THE FUNCTION/OBJECT BUDGET ESTIMATES
    TO DATE FOR EACH SCHOOL AND FOR THE DISTRICT.
    SKIP3
ENVIRONMENT DIVISION.
    SKIP1
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-360-H65.
OBJECT-COMPUTER. IBM-360-H65.
    SKIP1
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT CARD-FILE          ASSIGN       UT-S-CARDFILE.
    SELECT PRINT-FILE         ASSIGN       UT-S-PRINTOUT.
    SELECT SCHOOL-FILE        ASSIGN       UT-S-SCHLFILE.
    EJECT
DATA DIVISION.
    SKIP1
FILE SECTION.
    SKIP2
FD  CARD-FILE
    BLOCK CONTAINS 80 CHARACTERS
    RECORD CONTAINS 80 CHARACTERS
    RECORDING MODE IS F
    LABEL RECORD IS OMITTED
    DATA RECORD IS CR-CARD-REC.
    SKIP1
01  CR-CARD-REC.
    05  FILLER                          PIC X(60).
    05  CR-REC-CODE                     PIC X.
    05  FILLER                          PIC X(19).
    SKIP2
FD  PRINT-FILE
    BLOCK CONTAINS 133 CHARACTERS
    RECORD CONTAINS 133 CHARACTERS
    RECORDING MODE IS F
    LABEL RECORD IS OMITTED
    DATA RECORD IS PL-PRT-LINE.
    SKIP1
01  PL-PRT-LINE                         PIC X(133).
    SKIP2
FD  SCHOOL-FILE
    BLOCK CONTAINS 7260 CHARACTERS
    RECORD CONTAINS 121 CHARACTERS
    RECORDING MODE IS F
    LABEL RECORD IS STANDARD
    DATA RECORD IS SR-SCH-REC.
    SKIP1
01  SR-SCH-REC                          PIC X(121).
    EJECT
WORKING-STORAGE SECTION.
    SKIP1
77  FUNC-OBJ-LOW-N                      PIC X(7)    VALUE SPACES.
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77  FUNC-OBJ-OLD-N                  PIC X(7)    VALUE SPACES.
77  FUNC-OBJ-SEQ-NO                 PIC 999     VALUE ZEROS.
77  LINE-NO                         PIC 99      VALUE ZEROS.
77  MAXIMUM-FUNC-OBJ-CARDS-NO       PIC 999     VALUE 400.
77  MAXIMUM-SCH-CARDS-NO            PIC 99      VALUE 50.
77  PAGE-NO                         PIC 999     VALUE ZEROS.
77  PAST-FUNC-OBJ-N                 PIC X(7)    VALUE SPACES.
77  REJECT-DELETE-BUDG-NO           PIC 99999999V99
                                                VALUE ZEROS.
77  REJECT-DIST-BUDG-NO             PIC 99999999V99
                                                VALUE ZEROS.
77  REJECT-OTHER-BUDG-NO            PIC 99999999V99
                                                VALUE ZEROS.
77  REJECT-SCH-BUDG-NO              PIC 99999999V99
                                                VALUE ZEROS.
77  SAVE-FUNC-OBJ-N                 PIC X(7)    VALUE SPACES.
77  SAVE-FUNC-OBJ-NO REDEFINES SAVE-FUNC-OBJ-N
                                    PIC 99999V99.
77  SAVE-HDR-N                      PIC X(4)    VALUE SPACES.
77  SAVE-HDR-NAME                   PIC X(25)   VALUE SPACES.
77  SAVE-ITEM-BUDG-NO               PIC 99999999V99
                                                VALUE ZEROS.
77  SAVE-ITEM-DSCRPTN-NAME          PIC X(30).
77  SAVE-NO-SCHS                    PIC 99      VALUE ZEROS.
77  SCHOOL-OLD-N                    PIC XXX     VALUE SPACES.
77  SCHOOL-SEQ-NO                   PIC 99      VALUE ZEROS.
77  SCHOOL-SEQ-SS                   PIC 99      VALUE ZEROS.
77  TOTAL-DIST-BUDG-NO              PIC 99999999V99
                                                VALUE ZEROS.
77  TOTAL-FUNC-OBJ-RECS-NO          PIC 999     VALUE ZEROS.
77  TOTAL-SCH-BUDG-NO               PIC 99999999V99
                                                VALUE ZEROS.
77  TOTAL-X-BUDG-NO                 PIC 99999999V99
                                                VALUE ZEROS.
77  TOTAL-Y-BUDG-NO                 PIC 99999999V99
                                                VALUE ZEROS.
77  TOTAL-Y-ZERO-BUDG-NO            PIC 99999999V99
                                                VALUE ZEROS.
77  TOTAL-Z-BUDG-NO                 PIC 99999999V99
                                                VALUE ZEROS.
77  X-TOT-LIT                       PIC X(12)   VALUE
    '****TOTAL** '.
77  Y-TOT-LIT                       PIC X(12)   VALUE
    ' ***TOTAL** '.
77  Y-ZERO-TOT-LIT                  PIC X(12)   VALUE
    '  **TOTAL** '.
77  Z-TOT-LIT                       PIC X(12)   VALUE
    '   *TOTAL** '.
    SKIP2
01  BINARY-SWITCHES                 COMP SYNC.
    05  DISPLAY-FO-CARD-SW          PIC S9      VALUE  0.
    05  DIST-WRAP-UP-SW             PIC S9      VALUE  0.
    05  FALSE-SW                    PIC S9      VALUE  0.
    05  FIRST-CARD-SW               PIC S9      VALUE +1.
    05  FIRST-FUNC-OBJ-CARD-SW      PIC S9      VALUE +1.
    05  FIRST-SCH-REC-SW            PIC S9      VALUE +1.
    05  FLAG-FUNC-OBJ-CARD-SW       PIC S9      VALUE  0.
    05  LINE-X-PRT-SW               PIC S9      VALUE  0.
    05  LINE-Y-PRT-SW               PIC S9      VALUE  0.
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           05  LINE-Z-PRT-SW                  PIC S9       VALUE  0.
           05  PAST-SCH-SW                    PIC S9       VALUE  0.
           05  PRINT-ITEM-LINE-SW             PIC S9       VALUE  0.
           05  PRINT-LAST-PAGE-SW             PIC S9       VALUE  0.
           05  SCHOOL-FILE-END-SW             PIC S9       VALUE  0.
           05  SCHOOL-WRAP-UP-SW              PIC S9       VALUE  0.
           05  TERM-FUNC-OBJ-CARD-SW          PIC S9       VALUE  0.
           05  TERM-HDR-CARD-SW               PIC S9       VALUE  0.
           05  TERM-RUN-SW                    PIC S9       VALUE  0.
           05  TERM-SCH-CARD-SW               PIC S9       VALUE  0.
           05  TRUE-SW                        PIC S9       VALUE +1.
           05  X-HDR-CONT-SW                  PIC S9       VALUE  0.
           05  X-LEVEL-SW                     PIC S9       VALUE  0.
           05  Y-HDR-CONT-SW                  PIC S9       VALUE  0.
           05  Y-LEVEL-SW                     PIC S9       VALUE  0.
           05  Z-HDR-CONT-SW                  PIC S9       VALUE  0.
           05  Z-LEVEL-SW                     PIC S9       VALUE  0.
           SKIP2
       01  DISPLAYS.
           05  D01 PIC X(80) VALUE '01. ERROR. MISSING DISTRICT NAME ON
      -        'HEADER CARD.                                     '.
           05  D02 PIC X(80) VALUE '02. ERROR. MISSING ID INFO ON HEADER
      -        ' CARD.                                           '.
           05  D03 PIC X(80) VALUE '03. ERROR. MISSING RUN ID ON HEADER
      -        'CARD.                                            '.
           05  D04 PIC X(80) VALUE '04. ERROR. HEADER CARD FOUND FOLLOWI
      -        'NG FIRST CARD.                                   '.
           05  D05 PIC X(80) VALUE '05. MESSAGE. PROGRAM WILL BE TERMINA
      -        'TED DUE TO INVALID HEADER CARD.                  '.
           05  D06 PIC X(80) VALUE '06. ERROR. FIRST CARD IN DECK IS NOT
      -        ' A HEADER CARD.                                  '.
           05  D07 PIC X(80) VALUE '07. ERROR. SCHOOL CARD OUT OF ORDER,
      -        ' FOLLOWS CARD WHICH IS NOT A HDR OR SCH CARD'.
           05  D08 PIC X(80) VALUE '08. ERROR. MISSING SCHOOL NUMBER ON
      -        'SCHOOL CARD.                                     '.
           05  D09 PIC X(80) VALUE '09. ERROR. MISSING SCHOOL NAME ON SC
      -        'HOOL CARD.                                       '.
           05  D10 PIC X(80) VALUE '10. ERROR. NUMBER OF SCHOOL CARDS EX
      -        'CEEDS MAXIMUM.                                   '.
           05  D11 PIC X(80) VALUE '11. ERROR. INVALID RECORD CODE FOUND
      -        ' ON CARD. RUN WILL BE TERMINATED.                '.
           05  D12 PIC X(80) VALUE '12. ERROR. FUNCTION/OBJECT CODE ON F
      -        'UNCTION/OBJECT CARD IS NOT NUMERIC.              '.
           05  D13 PIC X(80) VALUE '13. ERROR. MISSING NAME ON FUNCTION/
      -        'OBJECT ITEM CARD.                                '.
           05  D14 PIC X(80) VALUE '14. ERROR. X-LEVEL FUNCTION/OBJECT C
      -        'ARD OUT OF ORDER. X-LEVEL NOW ASSUMED.           '.
           05  D15 PIC X(80) VALUE '15. ERROR. Y-LEVEL FUNCTION/OBJECT C
      -        'ARD OUT OF ORDER. Y-LEVEL NOW ASSUMED.           '.
           05  D16 PIC X(80) VALUE '16. ERROR. Z-LEVEL FUNCTION/OBJECT C
      -        'ARD OUT OF ORDER. Z-LEVEL NOW ASSUMED.           '.
           05  D17 PIC X(80) VALUE '17. ERROR. T-LEVEL FUNCTION/OBJECT C
      -        'ARD OUT OF ORDER. CHECK ALL CARDS CAREFULLY.'.
           05  D18 PIC X(80) VALUE '18. ERROR. FIRST FUNCTION/OBJECT CAR
      -        'D IS NOT AN X CARD.                              '.
           05  D19 PIC X(80) VALUE '19. ERROR. SEQUENCE OF SCHOOL NUMBER
      -        ' ON SCHOOL CARD IS LOW.                          '.
           05  D20 PIC X(80) VALUE '20. MESSAGE. ERRORS FOUND IN CARD FI
      -        'LE. RUN TERMINATED.                              '.
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         05  D21 PIC X(80) VALUE '21. ERROR. MISSING SCHOOL NUMBER ON
-                'SCHOOL-FILE RECORD. RECORD SKIPPED.             '.
         05  D22 PIC X(80) VALUE '22. ERROR. SCHOOL NUMBER ON FIRST RE
-                'CORD IS   SCHOOL NUMBER OF FIRST SCH CARD.  '.
         05  D23 PIC X(80) VALUE '23. ERROR. SCHOOL NUMBER ON SCHOOL C
-                'ARD IS BLANK OR = TO PRECEDING CARD.            '.
         05  D24 PIC X(80) VALUE '24. WARNING. RECORDS FOR FOLLOWING S
-                'CHOOL NUMBER SKIPPED. MISSING SCHOOL CARD.  '.
         05  D25 PIC X(80) VALUE '25. ERROR. SCHOOL NUMBER ON FILE LES
-                'S THAN SCHOOL NUMBER ON CARD. SKIPPED.          '.
         05  D26 PIC X(80) VALUE '26. ERROR. X,Y,Z, AND T FUNCTION/OBJ
-                'ECT CARDS IN UNEQUAL NUMBERS.                   '.
         05  D27 PIC X(80) VALUE '27. ERROR. FUNCTION/OBJECT CODE ON S
-                'CHOOL FILE RECORD IS NOT NUMERIC. SKIP REC. '.
-                'ILE NOT ON CARD. SKIPPED.                       '.
         05  D28 PIC X(80) VALUE '28. ERROR. BUDGET VALUE ON SCHOOL FI
-                'LE RECORD IS NOT NUMERIC. RECORD SKIPPED.   '.
         05  D29 PIC X(80) VALUE '29. ERROR. FUNCTION/OBJECT CODE ON F
         05  D30 PIC X(80) VALUE '30. ERROR. NUMBER OF FUNCTION/OBJECT
-                ' CARDS EXCEEDS MAX. REMAINDER NOT PROCESSED.'.
         05  D31 PIC X(80) VALUE '31. ERROR. INVALID RECORD CODE IN FU
-                'NCTION/OBJECT MATRIX. SKIPPED.                  '.
         05  D32 PIC X(80) VALUE '32. PROBABLE ERROR. INVALID TOTAL CA
-                'RD FOUND IN FUNCTION/OBJECT MATRIX. SKIPPED.'.
         05  D33 PIC X(80) VALUE '33. MESSAGE. LAST SCHOOL CARD PROCES
-                'SED. BEGIN DISTRICT WRAP-UP.                    '.
         05  D34 PIC X(80) VALUE '34. MESSAGE. PROGRAM WILL BE TERMINA
-                'TED DUE TO INVALID FUNC/OBJ CARD ABOVE.     '.
         05  D35 PIC X(80) VALUE '35. MESSAGE. PROGRAM WILL BE TERMINA
-                'TED DUE TO INVALID FUNC/OBJ CARD ABOVE.     '.
         05  D36 PIC X(80) VALUE '36. ERROR. LOW CODE ON X, Y, OR Z CA
-                'RD IS NOT NUMERIC.                              '.
         05  D37 PIC X(80) VALUE '37. ERROR. HIGH CODE ON X, Y, OR Z C
-                'ARD IS NOT NUMERIC.                             '.
         05  D38 PIC X(80) VALUE '38. ERROR. X, Y, OR Z CARD HEADER NA
-                'ME IS MISSING.                                  '.
         05  D39 PIC X(80) VALUE '39. ERROR. FUNCTION/OBJECT NUMBER ON
-                ' ITEM CARD IS NOT NUMERIC.                      '.
         05  D40 PIC X(80) VALUE '40. ERROR. ITEM FOUND WITH NO X LEVE
-                'L IN EFFECT.                                    '.
         05  D41 PIC X(80) VALUE '41. ERROR. FUNCTION/OBJECT NUMBER LE
-                'SS THAN X-LEVEL LOW VALUE.                      '.
         05  D42 PIC X(80) VALUE '42. ERROR. FUNCTION/OBJECT NUMBER GR
-                'EATER THAN X-LEVEL HIGH VALUE.                  '.
         05  D43 PIC X(80) VALUE '43. ERROR. FUNCTION/OBJECT NUMBER LE
-                'SS THAN Y-LEVEL LOW VALUE.                      '.
         05  D44 PIC X(80) VALUE '44. ERROR. FUNCTION/OBJECT NUMBER GR
-                'EATER THAN Y-LEVEL HIGH VALUE.                  '.
         05  D45 PIC X(80) VALUE '45. ERROR. FUNCTION/OBJECT NUMBER LE
-                'SS THAN Z-LEVEL LOW VALUE.                      '.
         05  D46 PIC X(80) VALUE '46. ERROR. FUNCTION/OBJECT NUMBER GR
-                'EATER THAN Z-LEVEL HIGH VALUE.                  '.
         05  D47 PIC X(80) VALUE '47. ERROR. ITEM FOUND WITH NO Y LEVE
-                'L IN EFFECT.                                    '.
         05  D48 PIC X(80) VALUE '48. ERROR. ITEM FOUND WITH NO Z LEVE
-                'L IN EFFECT.                                    '.
         05  D49 PIC X(80) VALUE '49. ERROR. ITEM HAS SAME FUNCTION/OB
-                'JECT NUMBER AS PRECEDING ITEM.                  '.
         05  D50 PIC X(80) VALUE '50. ERROR. LOW CODE ON T CARD IS NOT
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-           ' NUMERIC.                                          '.
        05  D51 PIC X(80) VALUE '51. ERROR. HIGH CODE ON T CARD IS NO
-           'T NUMERIC.                                         '.
        05  D52 PIC X(80) VALUE '52. ERROR. T CARD HEADER NAME IS MIS
-           'SING.                                              '.
        05  D53 PIC X(80) VALUE '53. WARNING. LOW CODE VALUES ON Z AN
-           'ND T CARDS ARE UNEQUAL.                            '.
        05  D54 PIC X(80) VALUE '54. WARNING. HIGH CODE VALUES ON Z A
-           'ND T CARDS ARE UNEQUAL.                            '.
        05  D55 PIC X(80) VALUE '55. WARNING. LOW CODE VALUES ON Y AN
-           'D T CARDS ARE UNEQUAL.                             '.
        05  D56 PIC X(80) VALUE '56. WARNING. HIGH CODE VALUES ON Y A
-           'ND T CARDS ARE UNEQUAL.                            '.
        05  D57 PIC X(80) VALUE '57. WARNING. LOW CODE VALUES ON Z AN
-           'D T CARDS ARE UNEQUAL.                             '.
        05  D58 PIC X(80) VALUE '58. WARNING. HIGH CODE VALUES ON Z A
-           'ND T CARDS ARE UNEQUAL.                            '.
        05  D59 PIC X(80) VALUE '59. ERROR. T CARD FOUND WITH NO X, Y
-           ', OR Z LEVEL CORRELATE.                            '.
        05  D60 PIC X(80) VALUE '60. WARNING. CHECK ABOVE MESSAGES CO
-           'NCERNING POSSIBLE FUNC/OBJ CARD ERRORS.            '.
        05  D61 PIC X(80) VALUE '61. ERROR. INVALID RECORD CODE IN FU
-           'NCTION/OBJECT MATRIX. SKIPPED.                     '.
        05  D62 PIC X(80) VALUE '62. MESSAGE. END OF SCHOOL FILE ENCO
-           'UNTERED. BEGIN DISTRICT WRAP-UP.                   '.
        SKIP2
    01  CARD-RECS.
        SKIP1
        05  CHR-CARD-HDR-REC.
            10  FILLER                      PIC X(21).
            10  CHR-DIST-NAME               PIC X(25).
            10  CHR-ID-INFO                 PIC X(14).
            10  CHR-REC-CODE                PIC X.
            10  FILLER                      PIC X(7).
            10  CHR-DIST-N                  PIC X(4).
            10  CHR-RUN-ID                  PIC XXX.
            10  FILLER                      PIC X(5).
        SKIP1
        05  CSR-CARD-SCH-REC.
            10  FILLER                      PIC X(4).
            10  CSR-SCH-N                   PIC XXX.
            10  FILLER                      PIC X(14).
            10  CSR-SCH-NAME                PIC X(23).
            10  FILLER                      PIC X(16).
            10  CSR-REC-CODE                PIC X.
            10  FILLER                      PIC X(19).
        SKIP1
        05  CFR-CARD-FUNC-OBJ-REC.
            10  CFR-FUNC-OBJ-N              PIC X(7).
            10  CFR-FUNC-OBJ-NO REDEFINES CFR-FUNC-OBJ-N
                                            PIC 99999V99.
            10  CFR-DSCRPTN-NAME            PIC X(30).
            10  CFR-LOW-CODE-N              PIC X(5).
            10  CFR-HI-CODE-N               PIC X(5).
            10  FILLER                      PIC X(13).
            10  CFR-REC-CODE                PIC X.
            10  CFR-XYZT-NAME               PIC X(19).
        SKIP2
    01  PRINT-LINES.
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SKIP1
05  PAL-PRT-A-LINE.
    10  FILLER                  PIC X(11)   VALUE SPACES.
    10  PAL-HDR-NAME            PIC X(25).
    10  FILLER                  PIC XXX     VALUE SPACES.
    10  PAL-HDR-N               PIC X(4).
    10  FILLER                  PIC X(12)   VALUE SPACES.
    10  PAL-DATE                PIC X(8).
    10  FILLER                  PIC XXX     VALUE SPACES.
    10  PAL-PAGE-LIT            PIC X(5)    VALUE 'PAGE '.
    10  PAL-PAGE-NOZ            PIC ZZZ9.
    10  FILLER                  PIC X(58)   VALUE SPACES.
SKIP1
05  PBL-PRT-B-LINE.
    10  FILLER                  PIC X(10)   VALUE SPACES.
    10  PBL-PROG-LIT            PIC X(37)   VALUE
        ' PROGRESSIVE FUNCTION/OBJECT BUDGET  '.
    10  PBL-ID-INFO             PIC X(14).
    10  PBL-RUN-LIT             PIC X(7)    VALUE '   RUN '.
    10  PBL-RUN-ID              PIC XXX.
    10  FILLER                  PIC X(62)   VALUE SPACES.
SKIP1
05  PCL-PRT-C-LINE.
    10  FILLER                  PIC X(11)   VALUE SPACES.
    10  PCL-X-NAME              PIC X(19).
    10  FILLER                  PIC XX      VALUE SPACES.
    10  PCL-X-RANGE.
        15  PCL-LOW-X-N         PIC X(5).
        15  PCL-DASH-LIT        PIC X       VALUE '-'.
        15  PCL-HI-X-N          PIC X(5).
    10  FILLER                  PIC X(90)   VALUE SPACES.
SKIP1
05  PDL-PRT-D-LINE.
    10  FILLER                  PIC X(16)   VALUE SPACES.
    10  PDL-Y-NAME              PIC X(19).
    10  FILLER                  PIC XX      VALUE SPACES.
    10  PDL-Y-RANGE.
        15  PDL-LOW-Y-N         PIC X(5).
        15  PDL-DASH-LIT        PIC X       VALUE '-'.
        15  PDL-HI-Y-N          PIC X(5).
    10  FILLER                  PIC X(85)   VALUE SPACES.
SKIP1
05  PEL-PRT-E-LINE.
    10  FILLER                  PIC X(21)   VALUE SPACES.
    10  PEL-Z-NAME              PIC X(19).
    10  FILLER                  PIC XX      VALUE SPACES.
    10  PEL-Z-RANGE.
        15  PEL-LOW-Z-N         PIC X(5).
        15  PEL-DASH-LIT        PIC X       VALUE '-'.
        15  PEL-HI-Z-N          PIC X(5).
    10  FILLER                  PIC X(80)   VALUE SPACES.
SKIP1
05  PFL-PRT-F-LINE.
    10  FILLER                  PIC X(11)   VALUE SPACES.
    10  PFL-X-NAME              PIC X(19).
    10  PFL-X-RANGE.
        15  PFL-LOW-X-N         PIC X(5).
        15  PFL-DASH-LIT        PIC X       VALUE '-'.
        15  PFL-HI-X-N          PIC X(5).
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    10  PFL-CONT-LIT                PIC X(13)   VALUE
        '  (CONTINUED)'.
    10  FILLER                      PIC X(79)   VALUE SPACES.
SKIP1
05  PGL-PRT-G-LINE.
    10  FILLER                      PIC X(16)   VALUE SPACES.
    10  PGL-Y-NAME                  PIC X(19).
    10  FILLER                      PIC XX      VALUE SPACES.
    10  PGL-Y-RANGE.
        15  PGL-LOW-Y-N             PIC X(5).
        15  PGL-DASH-LIT            PIC X       VALUE '-'.
        15  PGL-HI-Y-N              PIC X(5).
    10  PGL-CONT-LIT                PIC X(13)   VALUE
        '  (CONTINUED)'.
    10  FILLER                      PIC X(72)   VALUE SPACES.
SKIP1
05  PHL-PRT-H-LINE.
    10  FILLER                      PIC X(21)   VALUE SPACES.
    10  PHL-Z-NAME                  PIC X(19).
    10  FILLER                      PIC XX      VALUE SPACES.
    10  PHL-Z-RANGE.
        15  PHL-LOW-Z-N             PIC X(5).
        15  PHL-DASH-LIT            PIC X       VALUE '-'.
        15  PHL-HI-Z-N              PIC X(5).
    10  PHL-CONT-LIT                PIC X(13)   VALUE
        '  (CONTINUED)'.
    10  FILLER                      PIC X(67)   VALUE SPACES.
SKIP1
05  PIL-PRT-I-LINE.
    10  FILLER                      PIC X(13)   VALUE SPACES.
    10  PIL-CODE-LIT                PIC X(4)    VALUE 'CODE'.
    10  FILLER                      PIC X(6)    VALUE SPACES.
    10  PIL-DSCRPTN-LIT             PIC X(11)   VALUE
        'DESCRIPTION'.
    10  FILLER                      PIC X(26)   VALUE SPACES.
    10  PIL-BUDG-LIT                PIC X(8)    VALUE 'BUDGETED'.
    10  FILLER                      PIC X(65)   VALUE SPACES.
SKIP1
05  PJL-PRT-J-LINE.
    10  FILLER                      PIC X(11)   VALUE SPACES.
    10  PJL-FUNC-OBJ-NO             PIC 99999.99.
    10  FILLER                      PIC X(4)    VALUE SPACES.
    10  PJL-DSCRPTN-NAME            PIC X(30).
    10  FILLER                      PIC X(4)    VALUE SPACES.
    10  PJL-BUDG-NOZ                PIC $ZZ,ZZZ,ZZZ.99.
    10  FILLER                      PIC X(62)   VALUE SPACES.
SKIP1
05  PKL-PRT-K-LINE.
    10  FILLER                      PIC X(11)   VALUE SPACES.
    10  PKL-TOT-LIT                 PIC X(12)   VALUE
        '****TOTAL** '.
    10  PKL-XYZ-NAME                PIC X(19).
    10  FILLER                      PIC XX      VALUE SPACES.
    10  PKL-XYZ-RANGE.
        15  PKL-LOW-XYZ-N           PIC X(5).
        15  PKL-DASH-LIT            PIC X       VALUE '-'.
        15  PKL-HI-XYZ-N            PIC X(5).
    10  FILLER                      PIC XX      VALUE SPACES.
    10  PKL-BUDG-NOZ                PIC $ZZ,ZZZ,ZZZ.99.
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           10  FILLER                   PIC X(62)    VALUE SPACES.
       SKIP1
       05  PLL-PRT-L-LINE.
           10  FILLER                   PIC X(10)    VALUE SPACES.
           10  PLL-FIN-LIT              PIC X(17)    VALUE
               ' FINAL TOTAL FOR '.
           10  PLL-HDR-NAME             PIC X(25).
           10  FILLER                   PIC X(5)     VALUE SPACES.
           10  PLL-BUDG-TOT-NOZ         PIC $ZZ,ZZZ,ZZZ.99.
           10  FILLER                   PIC X(62)    VALUE SPACES.
       SKIP1
       05  PML-PRT-M-LINE.
           10  FILLER                   PIC X(20)    VALUE SPACES.
           10  PML-CODE-LIT             PIC X(4)     VALUE 'CODE'.
           10  FILLER                   PIC X(9)     VALUE SPACES.
           10  PML-SCH-LIT              PIC X(6)     VALUE 'SCHOOL'.
           10  FILLER                   PIC X(22)    VALUE SPACES.
           10  PML-TOT-LIT              PIC X(5)     VALUE 'TOTAL'.
           10  FILLER                   PIC X(67)    VALUE SPACES.
       SKIP1
       05  PNL-PRT-N-LINE.
           10  FILLER                   PIC X(20)    VALUE SPACES.
           10  PNL-SCH-N                PIC XXX.
           10  FILLER                   PIC X(4)     VALUE SPACES.
           10  PNL-SCH-NAME             PIC X(23).
           10  FILLER                   PIC X(7)     VALUE SPACES.
           10  PNL-TOT-NOZ              PIC $ZZ,ZZZ,ZZZ.99.
           10  FILLER                   PIC X(62)    VALUE SPACES.
       SKIP1
       05  POL-PRT-O-LINE.
           10  FILLER                   PIC X(57)    VALUE SPACES.
           10  POL-TOT-LINE             PIC X(14)    VALUE
               '--------------'.
           10  FILLER                   PIC X(62)    VALUE SPACES.
       SKIP2
   01  SCHOOL-RECS.
       SKIP1
       05  SCR-SCH-REC.
           10  SCR-YR-N                 PIC XX.
           10  SCR-FUND-N               PIC XX.
           10  SCR-ORG-N                PIC XXX.
           10  FILLER                   PIC X(15).
           10  SCR-DELETE-CODE          PIC X.
           10  FILLER                   PIC XXX.
           10  SCR-FUNC-OBJ-N           PIC X(7).
           10  SCR-FUNC-OBJ-NO REDEFINES SCR-FUNC-OBJ-N
                                        PIC 99999V99.
           10  FILLER                   PIC X(58).
           10  SCR-BUDG-N               PIC X(8).
           10  SCR-BUDG-NO REDEFINES SCR-BUDG-N
                                        PIC 999999V99.
           10  FILLER                   PIC X(22).
       SKIP2
   01  FOM-FUNC-OBJ-MATRIX.
       05  FOM-FUNC-OBJ-REC OCCURS 400 TIMES.
           10  FOM-REC-CODE             PIC X.
           10  FOM-FUNC-OBJ-N           PIC X(7).
           10  FOM-DSCRPTN-NAME.
               15  FOM-XYZT-NAME        PIC X(19).
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                15  FCM-LOW-CODE-N          PIC X(5).
                15  FCM-HI-CODE-N           PIC X(5).
                15  FCM-SPEC-CODE           PIC X.
            10  FCM-DIST-BUDG-NO            PIC 99999999V99.
       SKIP2
 01    SCM-SCH-MATRIX.
       05   SCM-SCH-INFO OCCURS 50 TIMES.
            10   SCM-SCH-N                  PIC XXX.
            10   SCM-SCH-NAME               PIC X(23).
            10   SCM-SCH-BUDG-NO            PIC 99999999V99.
       SKIP2
 01    SHN-SAVE-HI-NS.
       05   SHN-SAVE-HI-X-N.
            10   SHN-HI-X-N                 PIC X(5).
            10   SHN-HI-X-DEC               PIC XX        VALUE '99'.
       05   SHN-SAVE-HI-Y-N.
            10   SHN-HI-Y-N                 PIC X(5).
            10   SHN-HI-Y-DEC               PIC XX        VALUE '99'.
       05   SHN-SAVE-HI-Z-N.
            10   SHN-HI-Z-N                 PIC X(5).
            10   SHN-HI-Z-DEC               PIC XX        VALUE '99'.
       SKIP2
 01    SLN-SAVE-LOW-NS.
       05   SLN-SAVE-LOW-X-N.
            10   SLN-LOW-X-N                PIC X(5).
            10   SLN-LOW-X-DEC              PIC XX        VALUE '00'.
       05   SLN-SAVE-LOW-Y-N.
            10   SLN-LOW-Y-N                PIC X(5).
            10   SLN-LOW-Y-DEC              PIC XX        VALUE '00'.
       05   SLN-SAVE-LOW-Z-N.
            10   SLN-LOW-Z-N                PIC X(5).
            10   SLN-LOW-Z-DEC              PIC XX        VALUE '00'.
       EJECT
 PROCEDURE DIVISION.
       SKIP2
 OPEN-FILES.
       OPEN INPUT CARD-FILE.
       OPEN INPUT SCHOOL-FILE.
       OPEN OUTPUT PRINT-FILE.
       SKIP1
 INIT-PROG-VALUES.
       MOVE CURRENT-DATE TO PAL-DATE.
       DISPLAY 'BEGIN RUN ', PAL-DATE.
       SKIP1
 READ-CARD-FILE.
       READ CARD-FILE,
           AT END GO TO CARD-FILE-WRAP-UP.
       IF CR-REC-CODE = 'H',
           GO TO PROCESS-HDR-CARD.
       IF FIRST-CARD-SW = TRUE-SW,
           DISPLAY D06,
           DISPLAY '    ***',CR-CARD-RE[illegible]*',
           MOVE FALSE-SW TO FIRST-CARD-S[illegible]
           MOVE TRUE-SW TO TERM-RUN-SW.
       IF CR-REC-CODE = 'S',
           GO TO PROCESS-SCH-CARD.
       MOVE TRUE-SW TO PAST-SCH-SW.
       IF CR-REC-CODE = 'X',
           OR CR-REC-CODE = 'Y',
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           OR CR-REC-CODE = 'Z',
           OR CR-REC-CODE = 'T',
           OR CR-REC-CODE = ' ',
           GO TO PROCESS-FUNC-OBJ-CARD.
       DISPLAY D11.
       DISPLAY '    ***', CR-CARD-REC, '***'.
       MOVE TRUE-SW TO TERM-RUN-SW.
       GO TO READ-CARD-FILE.
       SKIP2
   PROCESS-HDR-CARD.
       MOVE CR-CARD-REC TO CHR-CARD-HDR-REC.
       IF FIRST-CARD-SW = FALSE-SW,
           DISPLAY D04,
           MOVE TRUE-SW TO TERM-HDR-CARD-SW.
       MOVE FALSE-SW TO FIRST-CARD-SW.
       IF CHR-DIST-NAME = SPACES,
           DISPLAY D01,
           MOVE TRUE-SW TO TERM-HDR-CARD-SW.
       IF CHR-ID-INFO = SPACES,
           DISPLAY D02,
           MOVE TRUE-SW TO TERM-HDR-CARD-SW.
       IF CHR-RUN-ID = SPACES,
           DISPLAY D03,
           MOVE TRUE-SW TO TERM-HDR-CARD-SW.
       IF TERM-HDR-CARD-SW = TRUE-SW,
           MOVE TRUE-SW TO TERM-RUN-SW,
           DISPLAY '*****', CHR-CARD-HDR-REC, '*****',
           DISPLAY D05.
       MOVE CHR-ID-INFO TO PBL-ID-INFO.
       MOVE CHR-RUN-ID TO PBL-RUN-ID.
       GO TO READ-CARD-FILE.
   PROCESS-HDR-CARD-EXIT. EXIT.
       SKIP2
   PROCESS-SCH-CARD.
       MOVE CR-CARD-REC TO CSR-CARD-SCH-REC.
       ADD 1 TO SCHOOL-SEQ-NO.
       IF PAST-SCH-SW = TRUE-SW,
           DISPLAY D07,
           MOVE TRUE-SW TO TERM-SCH-CARD-SW.
       IF CSR-SCH-N = SCHOOL-OLD-N,
           DISPLAY D23,
           MOVE TRUE-SW TO TERM-SCH-CARD-SW.
       IF CSR-SCH-N ) SCHOOL-OLD-N,
           DISPLAY D19,
           MOVE TRUE-SW TO TERM-SCH-CARD-SW.
       MOVE CSR-SCH-N TO SCHOOL-OLD-N.
       IF CSR-SCH-N = SPACES,
           DISPLAY D08,
           MOVE TRUE-SW TO TERM-SCH-CARD-SW.
       IF CSR-SCH-NAME = SPACES,
           DISPLAY D09,
           MOVE TRUE-SW TO TERM-SCH-CARD-SW.
       IF TERM-SCH-CARD-SW = TRUE-SW,
           MOVE TRUE-SW TO TERM-RUN-SW,
           DISPLAY '*****', CSR-CARD-SCH-REC, '*****',
           DISPLAY D34.
       IF SCHOOL-SEQ-NO   MAXIMUM-SCH-CARDS-NO,
           DISPLAY D10,
           DISPLAY '    ***',CSR-CARD-SCH-REC,'***',
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         GO TO READ-CARD-FILE.
     MOVE CSR-SCH-N TO SCM-SCH-N (SCHOOL-SEQ-NO).
     MOVE CSR-SCH-NAME TO SCM-SCH-NAME (SCHOOL-SEQ-NO).
     MOVE ZEROS TO SCM-SCH-BUDG-NO (SCHOOL-SEQ-NO).
     GO TO READ-CARD-FILE.
 PROCESS-SCH-CARD-EXIT. EXIT.
     SKIP2
 PROCESS-FUNC-OBJ-CARD.
     MOVE CR-CARD-REC TO CFR-CARD-FUNC-OBJ-REC.
     ADD 1 TO FUNC-OBJ-SEQ-NO.
     IF FUNC-OBJ-SEQ-NO   MAXIMUM-FUNC-OBJ-CARDS-NO,
         DISPLAY D30,
         MOVE TRUE-SW TO TERM-RUN-SW,
         GO TO BEGIN-SCH-DISPLAY.
     MOVE ZEROS TO FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO).
     MOVE FALSE-SW TO TERM-FUNC-OBJ-CARD-SW.
     IF FIRST-FUNC-OBJ-CARD-SW = TRUE-SW,
         AND CFR-REC-CODE NOT = 'X',
         DISPLAY D18,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW.
     MOVE FALSE-SW TO FIRST-FUNC-OBJ-CARD-SW.
     IF CFR-FUNC-OBJ-N NOT NUMERIC,
         DISPLAY D12,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW.
     IF CFR-REC-CODE = 'X',
         GO TO PROCESS-X-CARD.
     IF CFR-REC-CODE = 'Y',
         GO TO PROCESS-Y-CARD.
     IF CFR-REC-CODE = 'Z',
         GO TO PROCESS-Z-CARD.
     IF CFR-REC-CODE = 'T',
         GO TO PROCESS-T-CARD.
     SKIP1
 PROCESS-ITEM-CARD.
     MOVE ' ' TO FOM-REC-CODE (FUNC-OBJ-SEQ-NO).
     IF CFR-DSCRPTN-NAME = SPACES,
         DISPLAY D13,
         MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
     MOVE CFR-DSCRPTN-NAME TO FOM-DSCRPTN-NAME (FUNC-OBJ-SEQ-NO).
     IF CFR-FUNC-OBJ-N NOT NUMERIC,
         DISPLAY D39,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW,
         GO TO CHECK-TERM-FUNC-OBJ-CARD.
     MOVE CFR-FUNC-OBJ-N TO FOM-FUNC-OBJ-N (FUNC-OBJ-SEQ-NO).
     IF CFR-FUNC-OBJ-N = FUNC-OBJ-OLD-N,
         DISPLAY D49,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW,
         GO TO CHECK-TERM-FUNC-OBJ-CARD.
     MOVE CFR-FUNC-OBJ-N TO FUNC-OBJ-OLD-N.
     SKIP1
 CHECK-X-ITEM-LEVEL.
     IF X-LEVEL-SW = FALSE-SW,
         DISPLAY D40,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW,
         GO TO CHECK-Y-ITEM-LEVEL.
     IF CFR-FUNC-OBJ-N ) SLN-SAVE-LOW-X-N,
         DISPLAY D41,
         MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW,
         GO TO CHECK-Y-ITEM-LEVEL.
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     IF CFR-FUNC-OBJ-N   SHN-SAVE-HI-X-N,
         DISPLAY D42,
         MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
     SKIP1
 CHECK-Y-ITEM-LEVEL.
     IF Y-LEVEL-SW = FALSE-SW,
         DISPLAY D47,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW,
         GO TO CHECK-Z-ITEM-LEVEL.
     IF CFR-FUNC-OBJ-N ) SLN-SAVE-LOW-Y-N,                               TR090572
         DISPLAY D43,
         MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW,
         GO TO CHECK-Z-ITEM-LEVEL.
     IF CFR-FUNC-OBJ-N   SHN-SAVE-HI-Y-N,
         DISPLAY D44,
         MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
     SKIP1
 CHECK-Z-ITEM-LEVEL.
     IF Z-LEVEL-SW = FALSE-SW,
         DISPLAY D46,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW,
         GO TO CHECK-TERM-FUNC-OBJ-CARD.
     IF CFR-FUNC-OBJ-N ) SLN-SAVE-LOW-Z-N,
         DISPLAY D45,
         MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW,
         GO TO CHECK-TERM-FUNC-OBJ-CARD.
     IF CFR-FUNC-OBJ-N   SHN-SAVE-HI-Z-N,
         DISPLAY D46,
         MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
     GO TO CHECK-TERM-FUNC-OBJ-CARD.
 PROCESS-ITEM-CARD-EXIT. EXIT.
     SKIP2
 PROCESS-X-CARD.
     IF Y-LEVEL-SW = TRUE-SW,
         OR Z-LEVEL-SW = TRUE-SW,
         DISPLAY D14,
         MOVE FALSE-SW TO Y-LEVEL-SW,
         MOVE FALSE-SW TO Z-LEVEL-SW,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW.
     MOVE TRUE-SW TO X-LEVEL-SW.
     MOVE 'X' TO FOM-REC-CODE (FUNC-OBJ-SEQ-NO).
     PERFORM EDIT-XYZ-CARD THRU EDIT-XYZ-CARD-EXIT.
     MOVE CFR-LOW-CODE-N TO SLN-LOW-X-N.
     MOVE CFR-HI-CODE-N TO SHN-HI-X-N.
     GO TO CHECK-TERM-FUNC-OBJ-CARD.
 PROCESS-X-CARD-EXIT. EXIT.
     SKIP2
 PROCESS-Y-CARD.
     IF X-LEVEL-SW = FALSE-SW,
         OR Z-LEVEL-SW = TRUE-SW,
         DISPLAY D15,
         MOVE TRUE-SW TO X-LEVEL-SW,
         MOVE FALSE-SW TO Z-LEVEL-SW,
         MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW.
     MOVE TRUE-SW TO Y-LEVEL-SW.
     MOVE 'Y' TO FOM-REC-CODE (FUNC-OBJ-SEQ-NO).
     PERFORM EDIT-XYZ-CARD THRU EDIT-XYZ-CARD-EXIT.
     MOVE CFR-LOW-CODE-N TO SLN-LOW-Y-N.
     MOVE CFR-HI-CODE-N TO SHN-HI-Y-N.
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           GO TO CHECK-TERM-FUNC-OBJ-CARD.
       PROCESS-Y-CARD-EXIT. EXIT.
           SKIP2
       PROCESS-Z-CARD.
           IF X-LEVEL-SW = FALSE-SW,
               OR Y-LEVEL-SW = FALSE-SW,
               DISPLAY D16,
               MOVE TRUE-SW TO X-LEVEL-SW,
               MOVE TRUE-SW TO Y-LEVEL-SW,
               MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW.
           MOVE TRUE-SW TO Z-LEVEL-SW.
           MOVE 'Z' TO FOM-REC-CODE (FUNC-OBJ-SEQ-NO).
           PERFORM EDIT-XYZ-CARD THRU EDIT-XYZ-CARD-EXIT.
           MOVE CFR-LOW-CODE-N TO SLN-LOW-Z-N.
           MOVE CFR-HI-CODE-N TO SHN-HI-Z-N.
           GO TO CHECK-TERM-FUNC-OBJ-CARD.
       PROCESS-Z-CARD-EXIT. EXIT.
           SKIP2
       EDIT-XYZ-CARD.
           IF CFR-LOW-CODE-N NOT NUMERIC,
               DISPLAY D36,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           IF CFR-HI-CODE-N NOT NUMERIC,
               DISPLAY D37,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           IF CFR-XYZT-NAME = SPACES,
               DISPLAY D38,
               MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW.
           MOVE CFR-LOW-CODE-N TO FOM-LOW-CODE-N (FUNC-OBJ-SEQ-NO).
           MOVE CFR-HI-CODE-N TO FOM-HI-CODE-N (FUNC-OBJ-SEQ-NO).
           MOVE CFR-XYZT-NAME TO FOM-XYZT-NAME (FUNC-OBJ-SEQ-NO).
       EDIT-XYZ-CARD-EXIT. EXIT.
           SKIP2
       PROCESS-T-CARD.
           MOVE 'T' TO FOM-REC-CODE (FUNC-OBJ-SEQ-NO).
           IF CFR-LOW-CODE-N NOT NUMERIC,
               DISPLAY D50,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           MOVE CFR-LOW-CODE-N TO FOM-LOW-CODE-N (FUNC-OBJ-SEQ-NO).
           IF CFR-HI-CODE-N NOT NUMERIC,
               DISPLAY D51,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           MOVE CFR-HI-CODE-N TO FOM-HI-CODE-N (FUNC-OBJ-SEQ-NO).
           IF CFR-XYZT-NAME = SPACES,
               DISPLAY D52,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           MOVE CFR-XYZT-NAME TO FOM-XYZT-NAME (FUNC-OBJ-SEQ-NO).
           IF Z-LEVEL-SW = TRUE-SW,
               GO TO PROCESS-Z-TOTAL-CARD.
           IF Y-LEVEL-SW = TRUE-SW,
               GO TO PROCESS-Y-TOTAL-CARD.
           IF X-LEVEL-SW = TRUE-SW,
               GO TO PROCESS-X-TOTAL-CARD.
           DISPLAY D59.
           MOVE TRUE-SW TO TERM-FUNC-OBJ-CARD-SW.
           GO TO CHECK-TERM-FUNC-OBJ-CARD.
       PROCESS-T-CARD-EXIT. EXIT.
           SKIP2
       PROCESS-Z-TOTAL-CARD.
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           MOVE FALSE-SW TO Z-LEVEL-SW.
           MOVE 'Z' TO FOM-SPEC-CODE (FUNC-OBJ-SEQ-NO).
           IF CFR-LOW-CODE-N NOT = SLN-LOW-Z-N,
               DISPLAY D53,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           IF CFR-HI-CODE-N NOT = SHN-HI-Z-N,
               DISPLAY D54,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           GO TO CHECK-TERM-FUNC-OBJ-CARD.
       PROCESS-Z-TOTAL-CARD-EXIT. EXIT.
           SKIP2
       PROCESS-Y-TOTAL-CARD.
           IF CFR-HI-CODE-N = '00000',
               MOVE '0' TO FOM-SPEC-CODE (FUNC-OBJ-SEQ-NO),
               GO TO CHECK-TERM-FUNC-OBJ-CARD.
           MOVE FALSE-SW TO Y-LEVEL-SW.
           IF CFR-HI-CODE-N = '00009',
               MOVE '9' TO FOM-SPEC-CODE (FUNC-OBJ-SEQ-NO),
               GO TO CHECK-TERM-FUNC-OBJ-CARD.
           MOVE 'Y' TO FOM-SPEC-CODE (FUNC-OBJ-SEQ-NO).
           IF CFR-LOW-CODE-N NOT = SLN-LOW-Y-N,
               DISPLAY D55,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           IF CFR-HI-CODE-N NOT = SHN-HI-Y-N,
               DISPLAY D56,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           GO TO CHECK-TERM-FUNC-OBJ-CARD.
       PROCESS-Y-TOTAL-CARD-EXIT. EXIT.
           SKIP2
       PROCESS-X-TOTAL-CARD.
           MOVE FALSE-SW TO X-LEVEL-SW.
           MOVE 'X' TO FOM-SPEC-CODE (FUNC-OBJ-SEQ-NO).
           IF CFR-LOW-CODE-N NOT = SLN-LOW-X-N,
               DISPLAY D57,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           IF CFR-HI-CODE-N NOT = SHN-HI-X-N,
               DISPLAY D58,
               MOVE TRUE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           GO TO CHECK-TERM-FUNC-OBJ-CARD.
       PROCESS-X-TOTAL-CARD-EXIT. EXIT.
           SKIP2
       CHECK-TERM-FUNC-OBJ-CARD.
           IF FLAG-FUNC-OBJ-CARD-SW = TRUE-SW,
               DISPLAY D60,
               DISPLAY '-----',CFR-CARD-FUNC-OBJ-REC,'-----',
               MOVE FALSE-SW TO FLAG-FUNC-OBJ-CARD-SW.
           IF TERM-FUNC-OBJ-CARD-SW = TRUE-SW,
               DISPLAY '*****',CFR-CARD-FUNC-OBJ-REC,'*****',
               DISPLAY D35,
               MOVE TRUE-SW TO TERM-RUN-SW.
           GO TO READ-CARD-FILE.
           SKIP2
       CARD-FILE-WRAP-UP.
           IF X-LEVEL-SW = TRUE-SW,
               OR Y-LEVEL-SW = TRUE-SW,
               OR Z-LEVEL-SW = TRUE-SW,
               DISPLAY D26,
               MOVE TRUE-SW TO TERM-RUN-SW.
           SKIP1
```

```
BEGIN-SCH-DISPLAY.
    DISPLAY SPACES.
    PERFORM DISPLAY-SCHOOLS THRU DISPLAY-SCHOOLS-EXIT
        VARYING SCHOOL-SEQ-SS FROM 1 BY 1 UNTIL
        SCHOOL-SEQ-SS   SCHOOL-SEQ-NO.
    DISPLAY SPACES.
    IF TERM-RUN-SW = TRUE-SW,
        DISPLAY D20,
        GO TO TERMINATE-RUN.
    MOVE SCHOOL-SEQ-NO TO SAVE-NO-SCHS.
    DISPLAY 'NUMBER OF SCHOOL CARDS = ',SAVE-NO-SCHS.
    MOVE 1 TO SCHOOL-SEQ-NO.
    MOVE FUNC-OBJ-SEQ-NO TO TOTAL-FUNC-OBJ-RECS-NO.
    DISPLAY 'NUMBER OF FUNCTION/OBJECT CARDS = ',
        TOTAL-FUNC-OBJ-RECS-NO.
    MOVE ZEROS TO FUNC-OBJ-SEQ-NO.
    GO TO READ-SCH-FILE.
    SKIP2
DISPLAY-SCHOOLS.
    DISPLAY SCHOOL-SEQ-SS,'.   ',SCM-SCH-N (SCHOOL-SEQ-SS),
        '   ',SCM-SCH-NAME (SCHOOL-SEQ-SS).
DISPLAY-SCHOOLS-EXIT. EXIT.
    EJECT
READ-SCH-FILE.
    READ SCHOOL-FILE INTO SCR-SCH-REC,
        AT END MOVE TRUE-SW TO SCHOOL-WRAP-UP-SW,
        MOVE TRUE-SW TO SCHOOL-FILE-END-SW,
        GO TO SCHOOL-WRAP-UP.
    SKIP1
CHECK-SCH-REC.
    IF SCR-FUND-N NOT = 10,
        MOVE TRUE-SW TO SCHOOL-WRAP-UP-SW,
        MOVE TRUE-SW TO SCHOOL-FILE-END-SW,
        GO TO SCHOOL-WRAP-UP.
    IF SCR-BUDG-N NOT NUMERIC,
        DISPLAY D26,
        DISPLAY '    ***',SCR-SCH-REC,'***',
        GO TO READ-SCH-FILE.
    IF SCR-DELETE-CODE = '1',
        ADD SCR-BUDG-NO TO REJECT-DELETE-BUDG-NO,
        GO TO READ-SCH-FILE.
    IF SCR-FUNC-OBJ-N NOT NUMERIC,
        DISPLAY D27,
        DISPLAY '    AMOUNT = ', SCR-BUDG-N, '.',
        DISPLAY '    ***',SCR-SCH-REC,'***',
        ADD SCR-BUDG-NO TO REJECT-OTHER-BUDG-NO,
        GO TO READ-SCH-FILE.
    IF SCR-ORG-N = SPACES,
        DISPLAY D21,
        DISPLAY '    ---', SCR-SCH-REC, '---',
        GO TO READ-SCH-FILE.
    IF FIRST-SCH-REC-SW = TRUE-SW,
        GO TO PROCESS-FIRST-SCH-REC.
    IF SCR-ORG-N ) SCM-SCH-N (SCHOOL-SEQ-NO),
        GO TO SKIP-LOW-RECS.
    IF SCR-ORG-N   SCM-SCH-N (SCHOOL-SEQ-NO),
        MOVE TRUE-SW TO SCHOOL-WRAP-UP-SW,
        GO TO SCHOOL-WRAP-UP.
    IF SCR-FUNC-OBJ-N ) SAVE-FUNC-OBJ-N,
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           DISPLAY D29,
           DISPLAY '    SCHOOL = ', SCR-ORG-N,'. FILE = ',
               SCR-FUNC-OBJ-N, '. CARD = ', SAVE-FUNC-OBJ-N,
               '. AMOUNT = ', SCR-BUDG-N, '.',
           ADD SCR-BUDG-NO TO REJECT-SCH-BUDG-NO,
           GO TO READ-SCH-FILE.
       IF SCR-FUNC-OBJ-N   SAVE-FUNC-OBJ-N,
           GO TO UPDATE-FUNC-OBJ-TABLE.
       ADD SCR-BUDG-NO TO SAVE-ITEM-BUDG-NO.
       MOVE TRUE-SW TO PRINT-ITEM-LINE-SW.
       GO TO READ-SCH-FILE.
       SKIP2
   PROCESS-FIRST-SCH-REC.
       IF SCR-ORG-N ) SCM-SCH-N (SCHOOL-SEQ-NO),
           GO TO SKIP-LOW-RECS.
       MOVE FALSE-SW TO FIRST-SCH-REC-SW.
       MOVE SCM-SCH-N (SCHOOL-SEQ-NO) TO SAVE-HDR-N.
       MOVE SCM-SCH-NAME (SCHOOL-SEQ-NO) TO SAVE-HDR-NAME.
       PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
       IF SCR-ORG-N   SCM-SCH-N (SCHOOL-SEQ-NO),
           DISPLAY D22,
           COMPUTE FUNC-OBJ-SEQ-NO = TOTAL-FUNC-OBJ-RECS-NO + 1,
           GO TO SCHOOL-WRAP-UP.
       GO TO NEXT-FUNC-OBJ-REC.
   PROCESS-FIRST-SCH-REC-EXIT. EXIT.
       SKIP2
   SKIP-LOW-RECS.
       DISPLAY D25.
       DISPLAY '    FILE = ', SCR-ORG-N, '. CARD = ', SCM-SCH-N
           (SCHOOL-SEQ-NO),'. AMOUNT = ', SCR-BUDG-N, '.',
       DISPLAY '    ***', SCR-SCH-REC, '***'.
       ADD SCR-BUDG-NO TO REJECT-OTHER-BUDG-NO.
       GO TO READ-SCH-FILE.
   SKIP-LOW-RECS-EXIT. EXIT.
       SKIP2
   UPDATE-FUNC-OBJ-TABLE.
       IF PRINT-ITEM-LINE-SW = FALSE-SW,
           GO TO NEXT-FUNC-OBJ-REC.
       SKIP1
   PRINT-ITEM-LINE.
       IF LINE-NO   56,
           PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
       IF LINE-X-PRT-SW = TRUE-SW,
           MOVE TRUE-SW TO X-HDR-CONT-SW,
           WRITE PL-PRT-LINE FROM PCL-PRT-C-LINE
               AFTER POSITIONING 2,
           MOVE SPACES TO PL-PRT-LINE,
           ADD 2 TO LINE-NO,
           MOVE FALSE-SW TO LINE-X-PRT-SW.
       IF LINE-NO   56,
           PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
       IF LINE-Y-PRT-SW = TRUE-SW,
           MOVE TRUE-SW TO Y-HDR-CONT-SW,
           WRITE PL-PRT-LINE FROM PDL-PRT-D-LINE
               AFTER POSITIONING 2,
           MOVE SPACES TO PL-PRT-LINE,
           ADD 2 TO LINE-NO,
           MOVE FALSE-SW TO LINE-Y-PRT-SW.
       IF LINE-NO   56,
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          PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
      IF LINE-Z-PRT-SW = TRUE-SW,
          MOVE TRUE-SW TO Z-HDR-CONT-SW,
          WRITE PL-PRT-LINE FROM PEL-PRT-E-LINE
              AFTER POSITIONING 2,
          MOVE SPACES TO PL-PRT-LINE,
          WRITE PL-PRT-LINE AFTER POSITIONING 1,
          MOVE SPACES TO PL-PRT-LINE,
          ADD 3 TO LINE-NO,
          MOVE FALSE-SW TO LINE-Z-PRT-SW.
      IF LINE-NO   56,
          PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
      MOVE SAVE-FUNC-OBJ-NO TO PJL-FUNC-OBJ-NO.
      MOVE SAVE-ITEM-DSCRPTN-NAME TO PJL-DSCRPTN-NAME.
      MOVE SAVE-ITEM-BUDG-NO TO PJL-BUDG-NOZ.
      WRITE PL-PRT-LINE FROM PJL-PRT-J-LINE AFTER POSITIONING 1.
      MOVE SPACES TO PL-PRT-LINE.
      ADD 1 TO LINE-NO.
      IF Z-LEVEL-SW = TRUE-SW,
          ADD SAVE-ITEM-BUDG-NO TO TOTAL-Z-BUDG-NO.
      IF Y-LEVEL-SW = TRUE-SW,
          ADD SAVE-ITEM-BUDG-NO TO TOTAL-Y-ZERO-BUDG-NO,
          ADD SAVE-ITEM-BUDG-NO TO TOTAL-Y-BUDG-NO.
      IF X-LEVEL-SW = TRUE-SW,
          ADD SAVE-ITEM-BUDG-NO TO TOTAL-X-BUDG-NO.
      ADD SAVE-ITEM-BUDG-NO TO FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO).
      ADD SAVE-ITEM-BUDG-NO TO SCM-SCH-BUDG-NO (SCHOOL-SEQ-NO).
      MOVE ZEROS TO SAVE-FUNC-OBJ-NO.
      MOVE SPACES TO SAVE-ITEM-DSCRPTN-NAME.
      MOVE ZEROS TO SAVE-ITEM-BUDG-NO.
      MOVE FALSE-SW TO PRINT-ITEM-LINE-SW.
  PRINT-ITEM-LINE-EXIT. EXIT.
      SKIP2
  NEXT-FUNC-OBJ-REC.
      ADD 1 TO FUNC-OBJ-SEQ-NO.
      IF FUNC-OBJ-SEQ-NO   TOTAL-FUNC-OBJ-RECS-NO,
          GO TO SCHOOL-WRAP-UP.
      SKIP1
  CHECK-FUNC-OBJ-RECS.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'X',
          PERFORM PROCESS-X-REC THRU PROCESS-X-REC-EXIT,
          GO TO NEXT-FUNC-OBJ-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'Y',
          PERFORM PROCESS-Y-REC THRU PROCESS-Y-REC-EXIT,
          GO TO NEXT-FUNC-OBJ-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'Z',
          PERFORM PROCESS-Z-REC THRU PROCESS-Z-REC-EXIT,
          GO TO NEXT-FUNC-OBJ-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'T',
          GO TO PROCESS-T-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) NOT = ' ',
          DISPLAY 031,
          DISPLAY '     ***',FOM-FUNC-OBJ-REC (FUNC-OBJ-SEQ-NO),
              '***',
          GO TO NEXT-FUNC-OBJ-REC.
      MOVE FOM-FUNC-OBJ-N (FUNC-OBJ-SEQ-NO) TO SAVE-FUNC-OBJ-N.
      MOVE FOM-DSCRPTN-NAME (FUNC-OBJ-SEQ-NO) TO
          SAVE-ITEM-DSCRPTN-NAME.
      IF SCHOOL-WRAP-UP-SW = TRUE-SW,
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            GO TO NEXT-FUNC-OBJ-REC.
        GO TO CHECK-SCH-REC.
        SKIP2
    SCHOOL-WRAP-UP.
        IF FUNC-OBJ-SEQ-NO NOT   TOTAL-FUNC-OBJ-RECS-NO,
            GO TO UPDATE-FUNC-OBJ-TABLE.
        MOVE ZEROS TO FUNC-OBJ-SEQ-NO.
        IF LINE-NO   56,
            PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
        MOVE SCM-SCH-NAME (SCHOOL-SEQ-NO) TO PLL-HDR-NAME.
        MOVE SCM-SCH-BUDG-NO (SCHOOL-SEQ-NO) TO PLL-BUDG-TOT-NOZ.
        ADD SCM-SCH-BUDG-NO (SCHOOL-SEQ-NO) TO TOTAL-DIST-BUDG-NO.
        WRITE PL-PRT-LINE FROM POL-PRT-O-LINE AFTER POSITIONING 1.
        MOVE SPACES TO PL-PRT-LINE.
        WRITE PL-PRT-LINE FROM PLL-PRT-L-LINE AFTER POSITIONING 1.
        MOVE SPACES TO PL-PRT-LINE.
        ADD 2 TO LINE-NO.
        DISPLAY 'REJECT BUDGET FOR ', SCM-SCH-NAME (SCHOOL-SEQ-NO),
            '=',REJECT-SCH-BUDG-NO.
        ADD REJECT-SCH-BUDG-NO TO REJECT-DIST-BUDG-NO.
        MOVE ZEROS TO REJECT-SCH-BUDG-NO.
        IF SCHOOL-FILE-END-SW = TRUE-SW,
            DISPLAY D62,
            MOVE TRUE-SW TO DIST-WRAP-UP-SW,
            GO TO DIST-WRAP-UP.
        ADD 1 TO SCHOOL-SEQ-NO.
        IF SCHOOL-SEQ-NO   SAVE-NO-SCHS,
            DISPLAY D33,
            MOVE TRUE-SW TO DIST-WRAP-UP-SW,
            GO TO DIST-WRAP-UP.
        MOVE SCM-SCH-N (SCHOOL-SEQ-NO) TO SAVE-HDR-N.
        MOVE SCM-SCH-NAME (SCHOOL-SEQ-NO) TO SAVE-HDR-NAME.
        MOVE ZEROS TO PAGE-NO.
        PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
        MOVE FALSE-SW TO SCHOOL-WRAP-UP-SW.
        GO TO NEXT-FUNC-OBJ-REC.
        EJECT
    PROCESS-X-REC.
        MOVE TRUE-SW TO X-LEVEL-SW.
        MOVE TRUE-SW TO LINE-X-PRT-SW.
        MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PCL-X-NAME.
        MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PFL-X-NAME.
        MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PCL-LOW-X-N.
        MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PFL-LOW-X-N.
        MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PCL-HI-X-N.
        MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PFL-HI-X-N.
    PROCESS-X-REC-EXIT. EXIT.
        SKIP2
    PROCESS-Y-REC.
        MOVE TRUE-SW TO Y-LEVEL-SW.
        MOVE TRUE-SW TO LINE-Y-PRT-SW.
        MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PDL-Y-NAME.
        MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PGL-Y-NAME.
        MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PDL-LOW-Y-N.
        MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PGL-LOW-Y-N.
        MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PDL-HI-Y-N.
        MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PGL-HI-Y-N.
    PROCESS-Y-REC-EXIT. EXIT.
        SKIP2
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PROCESS-Z-REC.
     MOVE TRUE-SW TO Z-LEVEL-SW.
     MOVE TRUE-SW TO LINE-Z-PRT-SW.
     MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PEL-Z-NAME.
     MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PHL-Z-NAME.
     MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PEL-LOW-Z-N.
     MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PHL-LOW-Z-N.
     MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PEL-HI-Z-N.
     MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PHL-HI-Z-N.
PROCESS-Z-REC-EXIT. EXIT.
     SKIP2
PROCESS-T-REC.
     IF LINE-NO   56,
          PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
     SKIP2
CHECK-Z-TOTAL.
     IF Z-LEVEL-SW = FALSE-SW,
          GO TO CHECK-Y-TOTAL.
     IF TOTAL-Z-BUDG-NO = ZEROS,
          MOVE FALSE-SW TO Z-LEVEL-SW,
          MOVE FALSE-SW TO LINE-Z-PRT-SW,
          MOVE FALSE-SW TO Z-HDR-CONT-SW,
          GO TO CHECK-RETURN.
     MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PKL-XYZ-NAME.
     MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PKL-LOW-XYZ-N.
     MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PKL-HI-XYZ-N.
     MOVE TOTAL-Z-BUDG-NO TO PKL-BUDG-NOZ.
     MOVE Z-TOT-LIT TO PKL-TOT-LIT.
     WRITE PL-PRT-LINE FROM POL-PRT-O-LINE AFTER POSITIONING 1.
     MOVE SPACES TO PL-PRT-LINE.
     WRITE PL-PRT-LINE FROM PKL-PRT-K-LINE AFTER POSITIONING 1.
     MOVE SPACES TO PL-PRT-LINE.
     ADD 2 TO LINE-NO.
     MOVE ZEROS TO TOTAL-Z-BUDG-NO.
     MOVE FALSE-SW TO Z-LEVEL-SW.
     MOVE FALSE-SW TO LINE-Z-PRT-SW.
     MOVE FALSE-SW TO Z-HDR-CONT-SW.
     GO TO CHECK-RETURN.
CHECK-Z-TOTAL-EXIT. EXIT.
     SKIP2
CHECK-Y-TOTAL.
     IF Y-LEVEL-SW = FALSE-SW,
          GO TO CHECK-X-TOTAL.
     IF FCM-SPEC-CODE (FUNC-OBJ-SEQ-NO) = '9',
          MOVE ZEROS TO TOTAL-Y-BUDG-NO,
          MOVE ZEROS TO TOTAL-Y-ZERO-BUDG-NO,
          MOVE FALSE-SW TO Y-LEVEL-SW,
          MOVE FALSE-SW TO LINE-Y-PRT-SW,
          MOVE FALSE-SW TO Y-HDR-CONT-SW,
          GO TO CHECK-RETURN.
     IF FCM-SPEC-CODE (FUNC-OBJ-SEQ-NO) = '0',
          AND TOTAL-Y-ZERO-BUDG-NO = ZEROS,
          GO TO CHECK-RETURN.
     MOVE FCM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PKL-XYZ-NAME.
     MOVE FCM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PKL-LOW-XYZ-N.
     MOVE FCM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PKL-HI-XYZ-N.
     IF FCM-SPEC-CODE (FUNC-OBJ-SEQ-NO) = '0',
          MOVE SPACES TO PKL-HI-XYZ-N,
          MOVE TOTAL-Y-ZERO-BUDG-NO TO PKL-BUDG-NOZ,
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            MOVE Y-ZERO-TOT-LIT TO PKL-TOT-LIT,
            WRITE PL-PRT-LINE FROM POL-PRT-O-LINE
                AFTER POSITIONING 1,
            MOVE SPACES TO PL-PRT-LINE,
            WRITE PL-PRT-LINE FROM PKL-PRT-K-LINE
                AFTER POSITIONING 1,
            MOVE SPACES TO PL-PRT-LINE,
            ADD 2 TO LINE-NO,
            MOVE ZEROS TO TOTAL-Y-ZERO-BUDG-NO,
            GO TO CHECK-RETURN.
        IF TOTAL-Y-BUDG-NO = ZEROS,
            MOVE FALSE-SW TO Y-LEVEL-SW,
            MOVE FALSE-SW TO LINE-Y-PRT-SW,
            MOVE FALSE-SW TO Y-HDR-CONT-SW,
            GO TO CHECK-RETURN.
        MOVE TOTAL-Y-BUDG-NO TO PKL-BUDG-NOZ.
        MOVE Y-TOT-LIT TO PKL-TOT-LIT.
        WRITE PL-PRT-LINE FROM POL-PRT-O-LINE AFTER POSITIONING 1.
        MOVE SPACES TO PL-PRT-LINE.
        WRITE PL-PRT-LINE FROM PKL-PRT-K-LINE AFTER POSITIONING 1.
        MOVE SPACES TO PL-PRT-LINE.
        ADD 2 TO LINE-NO.
        MOVE ZEROS TO TOTAL-Y-BUDG-NO.
        MOVE ZEROS TO TOTAL-Y-ZERO-BUDG-NO.
        MOVE FALSE-SW TO Y-LEVEL-SW.
        MOVE FALSE-SW TO LINE-Y-PRT-SW.
        MOVE FALSE-SW TO Y-HDR-CONT-SW.
        GO TO CHECK-RETURN.
    CHECK-Y-TOTAL-EXIT. EXIT.
        SKIP2
    CHECK-X-TOTAL.
        IF X-LEVEL-SW = FALSE-SW,
            DISPLAY D32,
            DISPLAY '    ***',FOM-FUNC-OBJ-REC (FUNC-OBJ-SEQ-NO),
                '***',
            GO TO CHECK-RETURN.
        IF TOTAL-X-BUDG-NO = ZEROS,
            MOVE FALSE-SW TO X-LEVEL-SW,
            MOVE FALSE-SW TO LINE-X-PRT-SW,
            MOVE FALSE-SW TO X-HDR-CONT-SW,
            GO TO CHECK-RETURN.
        MOVE FOM-XYZT-NAME (FUNC-OBJ-SEQ-NO) TO PKL-XYZ-NAME.
        MOVE FOM-LOW-CODE-N (FUNC-OBJ-SEQ-NO) TO PKL-LOW-XYZ-N.
        MOVE FOM-HI-CODE-N (FUNC-OBJ-SEQ-NO) TO PKL-HI-XYZ-N.
        MOVE TOTAL-X-BUDG-NO TO PKL-BUDG-NOZ.
        MOVE X-TOT-LIT TO PKL-TOT-LIT.
        WRITE PL-PRT-LINE FROM POL-PRT-O-LINE AFTER POSITIONING 1.
        MOVE SPACES TO PL-PRT-LINE.
        WRITE PL-PRT-LINE FROM PKL-PRT-K-LINE AFTER POSITIONING 1.
        MOVE SPACES TO PL-PRT-LINE.
        ADD 2 TO LINE-NO.
        MOVE ZEROS TO TOTAL-X-BUDG-NO.
        MOVE FALSE-SW TO X-LEVEL-SW.
        MOVE FALSE-SW TO LINE-X-PRT-SW.
        MOVE FALSE-SW TO X-HDR-CONT-SW.
        GO TO CHECK-RETURN.
    CHECK-X-TOTAL-EXIT. EXIT.
        SKIP2
    CHECK-RETURN.
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           IF DIST-WRAP-UP-SW = TRUE-SW,
               GO TO NEXT-DIST-FUNC-OBJ-REC.
           GO TO NEXT-FUNC-OBJ-REC.
       CHECK-RETURN-EXIT. EXIT.
           SKIP2
       UPDATE-PAGE.
           MOVE SAVE-HDR-NAME TO PAL-HDR-NAME.
           MOVE SAVE-HDR-N TO PAL-HDR-N.
           ADD 1 TO PAGE-NO.
           MOVE PAGE-NO TO PAL-PAGE-NOZ.
           WRITE PL-PRT-LINE FROM PAL-PRT-A-LINE AFTER POSITIONING 0.
           MOVE SPACES TO PL-PRT-LINE.
           WRITE PL-PRT-LINE FROM PBL-PRT-B-LINE AFTER POSITIONING 2.
           MOVE SPACES TO PL-PRT-LINE.
           MOVE 3 TO LINE-NO.
           IF PRINT-LAST-PAGE-SW = TRUE-SW,
               WRITE PL-PRT-LINE FROM PML-PRT-M-LINE
                   AFTER POSITIONING 2,
               MOVE SPACES TO PL-PRT-LINE,
               ADD 2 TO LINE-NO,
               GO TO UPDATE-PAGE-EXIT.
           IF X-HDR-CONT-SW = TRUE-SW,
               WRITE PL-PRT-LINE FROM PFL-PRT-F-LINE
                   AFTER POSITIONING 2,
               MOVE SPACES TO PL-PRT-LINE,
               ADD 2 TO LINE-NO.
           IF Y-HDR-CONT-SW = TRUE-SW,
               WRITE PL-PRT-LINE FROM PGL-PRT-G-LINE
                   AFTER POSITIONING 1,
               MOVE SPACES TO PL-PRT-LINE,
               ADD 1 TO LINE-NO.
           IF Z-HDR-CONT-SW = TRUE-SW,
               WRITE PL-PRT-LINE FROM PHL-PRT-H-LINE
                   AFTER POSITIONING 1,
               MOVE SPACES TO PL-PRT-LINE,
               ADD 1 TO LINE-NO.
           WRITE PL-PRT-LINE FROM PIL-PRT-I-LINE AFTER POSITIONING 2.
           MOVE SPACES TO PL-PRT-LINE.
           WRITE PL-PRT-LINE AFTER POSITIONING 1.
           MOVE SPACES TO PL-PRT-LINE.
           ADD 3 TO LINE-NO.
       UPDATE-PAGE-EXIT. EXIT.
           EJECT
       DIST-WRAP-UP.
           DISPLAY 'REJECT BUDGET FOR ', CHR-DIST-NAME, '=',
               REJECT-DIST-BUDG-NO.
           DISPLAY 'REJECT BUDGET FOR OTHER = ', REJECT-OTHER-BUDG-NO.
           DISPLAY 'REJECT BUDGET DELETES = ', REJECT-DELETE-BUDG-NO.
           MOVE CHR-DIST-NAME TO SAVE-HDR-NAME.
           MOVE CHR-DIST-N TO SAVE-HDR-N.
           MOVE ZEROS TO PAGE-NO.
           PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
           MOVE ZEROS TO FUNC-OBJ-SEQ-NO.
           SKIP1
       NEXT-DIST-FUNC-OBJ-REC.
           ADD 1 TO FUNC-OBJ-SEQ-NO.
           IF FUNC-OBJ-SEQ-NO   TOTAL-FUNC-OBJ-RECS-NO,
               GO TO PRINT-LAST-PAGE.
           IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'X',
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```
          PERFORM PROCESS-X-REC THRU PROCESS-X-REC-EXIT,
          GO TO NEXT-DIST-FUNC-OBJ-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'Y',
          PERFORM PROCESS-Y-REC THRU PROCESS-Y-REC-EXIT,
          GO TO NEXT-DIST-FUNC-OBJ-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'Z',
          PERFORM PROCESS-Z-REC THRU PROCESS-Z-REC-EXIT,
          GO TO NEXT-DIST-FUNC-OBJ-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) = 'T',
          GO TO PROCESS-T-REC.
      IF FOM-REC-CODE (FUNC-OBJ-SEQ-NO) NOT = ' ',
          DISPLAY D61,
          DISPLAY '     ***',FOM-FUNC-OBJ-REC (FUNC-OBJ-SEQ-NO),
               '***',
          GO TO NEXT-DIST-FUNC-OBJ-REC.
      IF FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO) = ZEROS,
          GO TO NEXT-DIST-FUNC-OBJ-REC.
      IF LINE-NO   56,
          PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
      IF LINE-X-PRT-SW = TRUE-SW,
          WRITE PL-PRT-LINE FROM PCL-PRT-C-LINE
               AFTER POSITIONING 2,
          MOVE SPACES TO PL-PRT-LINE,
          ADD 2 TO LINE-NO,
          MOVE FALSE-SW TO LINE-X-PRT-SW.
      IF LINE-Y-PRT-SW = TRUE-SW,
          WRITE PL-PRT-LINE FROM PDL-PRT-D-LINE
               AFTER POSITIONING 2,
          MOVE SPACES TO PL-PRT-LINE,
          ADD 2 TO LINE-NO,
          MOVE FALSE-SW TO LINE-Y-PRT-SW.
      IF LINE-Z-PRT-SW = TRUE-SW,
          WRITE PL-PRT-LINE FROM PEL-PRT-E-LINE
               AFTER POSITIONING 2,
          MOVE SPACES TO PL-PRT-LINE,
          ADD 2 TO LINE-NO,
          MOVE FALSE-SW TO LINE-Z-PRT-SW.
      MOVE FOM-FUNC-OBJ-N (FUNC-OBJ-SEQ-NO) TO SAVE-FUNC-OBJ-N.
      MOVE SAVE-FUNC-OBJ-NO TO PJL-FUNC-OBJ-NO.
      MOVE FOM-DSCRPTN-NAME (FUNC-OBJ-SEQ-NO) TO
          PJL-DSCRPTN-NAME.
      MOVE FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO) TO PJL-BUDG-NOZ.
      WRITE PL-PRT-LINE FROM PJL-PRT-J-LINE AFTER POSITIONING 1.
      MOVE SPACES TO PL-PRT-LINE.
      ADD 1 TO LINE-NO.
      IF Z-LEVEL-SW = TRUE-SW,
          ADD FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO) TO
               TOTAL-Z-BUDG-NO.
      IF Y-LEVEL-SW = TRUE-SW,
          ADD FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO) TO
               TOTAL-Y-ZERO-BUDG-NO,
          ADD FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO) TO
               TOTAL-Y-BUDG-NO.
      IF X-LEVEL-SW = TRUE-SW,
          ADD FOM-DIST-BUDG-NO (FUNC-OBJ-SEQ-NO) TO
               TOTAL-X-BUDG-NO.
      GO TO NEXT-DIST-FUNC-OBJ-REC.
      SKIP2
 PRINT-LAST-PAGE.
```

```
    MOVE TRUE-SW TO PRINT-LAST-PAGE-SW.
    MOVE ZEROS TO PAGE-NO.
    PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
    PERFORM SCHOOL-LIST THRU SCHOOL-LIST-EXIT VARYING
        SCHOOL-SEQ-SS FROM 1 BY 1 UNTIL
        SCHOOL-SEQ-SS   SAVE-NO-SCHS.
    MOVE SAVE-HDR-NAME TO PLL-HDR-NAME.
    MOVE TOTAL-DIST-BUDG-NO TO PLL-BUDG-TOT-NOZ.
    WRITE PL-PRT-LINE FROM POL-PRT-O-LINE AFTER POSITIONING 1.
    MOVE SPACES TO PL-PRT-LINE.
    WRITE PL-PRT-LINE FROM PLL-PRT-L-LINE AFTER POSITIONING 1.
    MOVE SPACES TO PL-PRT-LINE.
    ADD 2 TO LINE-NO.
    GO TO TERMINATE-RUN.
    SKIP2
SCHOOL-LIST.
    IF LINE-NO   56,
        PERFORM UPDATE-PAGE THRU UPDATE-PAGE-EXIT.
    MOVE SCM-SCH-N (SCHOOL-SEQ-SS) TO PNL-SCH-N.
    MOVE SCM-SCH-NAME (SCHOOL-SEQ-SS) TO PNL-SCH-NAME.
    MOVE SCM-SCH-BUDG-NO (SCHOOL-SEQ-SS) TO PNL-TOT-NOZ.
    WRITE PL-PRT-LINE FROM PNL-PRT-N-LINE AFTER POSITIONING 2.
    MOVE SPACES TO PL-PRT-LINE.
    ADD 2 TO LINE-NO.
SCHOOL-LIST-EXIT. EXIT.
    SKIP2
TERMINATE-RUN.
    DISPLAY 'END OF RUN.'.
    CLOSE CARD-FILE WITH NO REWIND.
    CLOSE SCHOOL-FILE WITH NO REWIND.
    CLOSE PRINT-FILE WITH NO REWIND.
    STOP RUN.
```

```
IDENTIFICATION DIVISION.
PROGRAM-ID. SCHLST.
AUTHOR. AL MARSH.
DATE WRITTEN. DEC 1971.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-360-H65.
OBJECT-COMPUTER. IBM-360-H65.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT FOCARDS ASSIGN TO UT-S-FORC.
    SELECT FFILE   ASSIGN TO UT-S-FFIL.
    SELECT PFILA   ASSIGN TO UT-S-PFILA.
DATA DIVISION.
FILE SECTION.
FD  FOCARDS
    LABEL RECORD IS OMITTED
    RECORD CONTAINS 80 CHARACTERS
    RECORDING MODE IS F
    DATA RECORD IS PARC, FOCD.
01  FOCD.
    02  FNCNAM.
        03  FONO     PIC X(7).
        03  NFONO REDEFINES FONO PIC 99999V99.
        03  FONAM    PIC X(30).
    02  FTNUM.
        03  FROMNO   PIC 99999.
        03  TONO     PIC 99999.
        03  FILLER   PIC X(13).
    02  FVAR.
        03  NIND     PIC X.
        03  NNAM     PIC X(19).
    02  FDOL REDEFINES FVAR.
        03  FBUD     PIC X(10).
        03  NBUD REDEFINES FBUD PIC 99999999V99.
        03  FEXP     PIC X(10).
        03  NEXP REDEFINES FEXP PIC 99999999V99.
01  PARC.
    03  PCYR     PIC XX.
    03  PCFUN    PIC XX.
    03  PCORG    PIC XXX.
    03  PCPRO    PIC XX.
    03  PROPC  REDEFINES PCPRO PIC 99.
    03  PCPRA    PIC XX.
    03  PRAPC REDEFINES PCPRA PIC 99.
    03  PCREST  PIC X(10).
    03  PRABAL.
        05  AREAWD  PIC X(10).
        05  FILLER  PIC X(49).
    03  SCHBAL REDEFINES PRABAL.
        05  PCSCHNAM PIC X(23).
        05  FILLER  PIC X(36).
FD  FFILE
    LABEL RECORD IS STANDARD                                      FIBUDCUP
    RECORDING MODE IS F                                           FIBUDCUP
    RECORD CONTAINS 121 CHARACTERS
    BLOCK CONTAINS 60 RECORDS
    DATA RECORD IS BRECOT.                                        FIBUDCUP
01  BRECOT.                                                       FIBUDCUP
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02  PRTPORT.
03  BOTAC.                                                          FIBUDCUP
    05  BOTYR    PIC XX.                                            FIBUDCUP
    05  BOTFUN   PIC XX.                                            FIBUDCUP
    05  BOTORG   PIC XXX.                                           FIBUDCUP
    05  BOTPRO   PIC XX.                                            FIBUDCUP
    05  BOTPRA   PIC XX.                                            FIBUDCUP
    05  BOTCRS   PIC XXX.                                           FIBUDCUP
    05  BOTEXP   PIC XXXX.                                          FIBUDCUP
    05  BOTSEQ   PIC XXX.                                           FIBUDCUP
03  BOTACTIONCODES.                                                 FIBUDCUP
    05  BOTRTYP PIC X.                                              FIBUDCUP
    05  BOTDCOD PIC X.                                              FIBUDCUP
    05  BOTRCOD PIC X.                                              FIBUDCUP
    05  BOTRUNO PIC XX.                                             FIBUDCUP
    05  BOTRUNON REDEFINES BOTRUNO PIC 99.
03  BOTFONO       PICTURE X(7).
03  BOFONON REDEFINES BOTFONO  PICTURE 99999V99.
03  BOTDESA.                                                        FIBUDCUP
    05  FILLER        PIC X.                                        FIBUDCUP
    05  BOTTCOD       PIC XXX.                                      FIBUDCUP
    05  BOTTNAM                                                     FIBUDCUP
        07  BOLNAM   PIC X(12).                                     FIBUDCUP
        07  BOINIT   PIC X.                                         FIBUDCUP
    05  BOTCNAM       PIC X(12).                                    FIBUDCUP
    05  BOTOCOD       PIC X.                                        FIBUDCUP
    05  BOTSAL        PIC X(7).                                     FIBUDCUP
    05  SALBOT REDEFINES BOTSAL PIC 99999V99.                       FIBUDCUP
    05  NAFONO  PICTURE X(7).
    05  NFONOA REDEFINES NAFONO PICTURE 99999V99.
    05  BOTPCT        PIC X(6).
    05  PCTBOT REDEFINES BOTPCT PIC  9999V99.
    05  BOTCOST       PIC 999999V99.
    05  COSTBOT REDEFINES BOTCOST PIC X(8).
03  BOTDESB REDEFINES BOTDESA.                                      FIBUDCUP
    05  BOTAPCOD      PIC XXXX.                                     FIBUDCUP
    05  BOTANAME      PIC X(17).
    05  BOTASAL       PIC X(7).                                     FIBUDCUP
    05  SALBOTA REDEFINES BOTASAL PIC 99999V99.                     FIBUDCUP
    05  BOTASHR       PIC XXXX.
    05  HRSBOTA REDEFINES BOTASHR PIC 99V99.
    05  BOTAHRDA      PIC XX.                                       FIBUDCUP
    05  HRDABOTA REDEFINES BOTAHRDA PIC 9V9.
    05  BOTADAYR      PIC XXX.                                      FIBUDCUP
    05  DAYRBOTA REDEFINES BOTADAYR PIC 999.                        FIBUDCUP
    05  NBFONO  PICTURE X(7).
    05  NFONOB REDEFINES NBFONO PICTURE 99999V99.
    05  BOTAPCT       PIC  9999V99.
    05  BOTACOST      PIC 999999V99.
03  BOTDESC REDEFINES BOTDESB.                                      FIBUDCUP
    05  BOTBDESC      PIC X(37).
    05  NCFONO  PICTURE X(7).
    05  NFONOC REDEFINES NCFONO PICTURE 99999V99.
    05  BOTBPCT       PIC X(6).
    05  PCTBOTB REDEFINES BOTBPCT PIC  9999V99.
    05  BOTBCOST      PIC 999999V99.
03  BOTDESD REDEFINES BOTDESC.                                      FIBUDCUP
    05  BOTCVNO       PIC XXXX.                                     FIBUDCUP
    05  BOTCDESC      PIC X(26).
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          05  NDFOND  PICTURE X(7).
          05  NFCNOD REDEFINES NDFOND PICTURE 99999V99.
          05  BOTCCATNO   PIC X(6).
          05  BOTUQ.                                                  FIBUDCUP
              07  BCTCPCT PIC XXX.
              07  CBOTPCT REDEFINES BOTCPCT PIC 9V99.
              07  BOTCQUAN PIC XXXX.                                  FIBUDCUP
              07  QUANBOTC REDEFINES BOTCQUAN PIC 9999.               FIBUDCUP
          05  BOTCCOST     PIC 999999V99.
      03  BOTDESE REDEFINES BOTDESD.                                  FIBUDCUP
          05  BOTDPUBNO   PIC XXXX.                                   FIBUDCUP
          05  BOTDAUTH    PIC X(12).
          05  BOTDTIT     PIC X(20).
          05  NEFOND PICTURE X(7).
          05  NFCNOE REDEFINES NEFOND PICTURE 99999V99.
          05  BOTDPCT PIC XXX.
              05  DBOTPCT REDEFINES BOTDPCT PIC 9V99.
          05  BOTDQUAN    PIC XXXX.                                   FIBUDCUP
              05  DBOTQUAN REDEFINES BOTDQUAN PIC 9999.
          05  BOTDCOST    PIC 999999V99.
      03  COSTOT  PIC X(8).                                           FIBUDCUP
      03  OTCOST REDEFINES COSTOT PIC 999999V99.                      FIBUDCUP
      03  BOTPRNAM    PIC X(10).
      02  FILPORT.
      03  FILLER      PIC X(12).
 FD  PFILA
     LABEL RECORD IS OMITTED
     RECORDING MODE IS F
     DATA RECORD IS PRT.
 01  PRT.
     03  FILLER  PIC X(133).
 WORKING-STORAGE SECTION.
 77  STORFOND    PIC X(7) VALUE ZEROS
 77  PRTSW   PIC 9 VALUE ZERO.
 77  FEOFSWX     PIC 9 VALUE ZERO.
 77  FOLSS       PIC 999  VALUE ZEROS.
 77  FOLCHK      PIC 999  VALUE ZEROS.
 77  FOASS       PIC 999  VALUE 001.
 77  LONO        PIC X(7).
 77  PLCTR       PIC 99   VALUE ZEROS.
 77  NOADD       PIC 9    VALUE ZERO.
 77  ERR-TOT     PIC 99999999V99 VALUE ZEROS.
 77  ARG PIC S99999 USAGE COMPUTATIONAL, SYNC, VALUE +5.
 01  DATES.
     03  DAT PIC XXXX OCCURS 11 TIMES.
 01  DTE REDEFINES DATES.
     03  RET-DATE PIC X(18).
     03  FILLER   PIC X(26).
 01  BLKLIN.
     03  FILLER  PIC X(133) VALUE SPACES.
 01  SAVSUBS.
     03  CURORG  PIC XXX VALUE ZEROS.
     03  CURPRO  PIC XX  VALUE ZEROS.
     03  PROCUR REDEFINES CURPRO PIC 99.
     03  CURPRA  PIC XX  VALUE ZEROS.
     03  PRACUR REDEFINES CURPRA PIC 99.
     03  RITORG  PIC X(23) VALUE SPACES.
     03  SAVORGNO PIC XXX VALUE ZEROS.
     03  SAVDESA PIC X(26) VALUE SPACES.
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           03  SAVPRA   PIC XX     VALUE SPACES.
           03  SAVCOST  PIC 999999V99 VALUE ZEROS.
           03  SAVPRWD  PIC X(10) VALUE SPACES.
           03  COLGRP   PIC 99999999V99 VALUE ZEROS.
           03  SNAMSS   PIC 99 VALUE ZEROS.
           03  SCHSS    PIC 99 VALUE ZEROS.
       01  BKFO.
           03 TOPFO     PIC 99999.
           03 FILLER    PIC V99.
           03 FRFC      PIC 99999.
           03 FILLER    PIC V99.
           03 TOFC      PIC 99999.
           03 FILLER    PIC V99.
           03 GTOPFO    PIC 99999.
           03 FILLER    PIC V99.
       01  PSTORE.
           03  PRFRP    PIC 99999.
           03  D1       PIC X VALUE '-'.
           03  PRTOP    PIC 99999.
       01  TSTORE.
           03  PRFRT    PIC 99999.
           03  D2       PIC X VALUE '-'.
           03  PRTOT    PIC 99999.
       01  STOREP.
           03  NP       PIC X(19).
           03  FP       PIC X(11).
       01  STORET.
           03  NT       PIC X(19).
           03  FT       PIC X(11).
       01  STORED.
           03  DN   PIC X(19).
           03  DF   PIC X(11).
       01  PTOTALS.
           03  PVXTOT       PIC 99999999V99 VALUE ZEROS.
           03  PVBTOT       PIC 99999999V99 VALUE ZEROS.
           03  PPBTOT       PIC 99999999V99 VALUE ZEROS.
       01  STOTALS.
           03  SVXTOT       PIC 99999999V99 VALUE ZEROS.
           03  SVBTOT       PIC 99999999V99 VALUE ZEROS.
           03  SPBTOT       PIC 99999999V99 VALUE ZEROS.
       01  TTOTALS.
           03  TVXTOT       PIC 99999999V99 VALUE ZEROS.
           03  TVBTOT       PIC 99999999V99 VALUE ZEROS.
           03  TPBTOT       PIC 99999999V99 VALUE ZEROS.
       01  LTOTALS.
           03  LVXTOT   PIC 99999999V99 VALUE ZEROS.
           03  LVBTOT   PIC 99999999V99 VALUE ZEROS.
           03  LPBTOT   PIC 99999999V99 VALUE ZEROS.
       01  DTOTALS.
           03  DVXTOT       PIC 99999999V99 VALUE ZEROS.
           03  DVBTOT       PIC 99999999V99 VALUE ZEROS.
           03  DPBTOT       PIC 99999999V99 VALUE ZEROS.
       01  STFOINFO.
           03  STFONO.
               05  STPHI    PIC X(7) VALUE ZEROS.
               05  STTLH    PIC X(14) VALUE ZEROS.
               05  STTHI    PIC X(7)  VALUE ZEROS.
           03  STFOTI       PIC X(19) VALUE SPACES.
           03  STFOP        PIC X(19) VALUE SPACES.
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01  PRTSOURCE.
    03  PRTFO          PIC 99999V99.
    03  PRTTI          PIC X(30).
01  SOURCEPRT REDEFINES PRTSOURCE.
    03  FOPRT          PIC X(7).
    03  TIPRT          PIC X(30).
01  STORPAR.
    03  FILLER  PIC X(7)   VALUE SPACES.
    03  SNAMDIS PIC X(25)  VALUE SPACES.
    03  SYEARS  PIC X(17)  VALUE SPACES.
    03  STFRYRS PIC X(9)   VALUE SPACES.
    03  STTOYRS PIC X(9)   VALUE SPACES.
    03  FILLER  PIC X(6).
    03  SCHEDN1 PIC X.
    03  SCHEDN2 PIC X.
    03  SCHINDS.
        05  SCHON    PIC X.
        05  SCHTW    PIC X.
        05  SCHTTH   PIC X.
        05  SCHTFR   PIC X.
        05  SCHTFV   PIC X.
01  PGCTR.
    03  PGENO    PIC 99 VALUE 1.
    03  NOPGE REDEFINES PGENO.
        05  NOPA     PIC X.
        05  NOPB     PIC X.
01  FOTABLE.
    03  FOENTRY OCCURS  50 TIMES PIC X(80).
01  FOWAREA.
    03  WFONUM  PIC 99999V99.
    03  XFONUM REDEFINES WFONUM PIC X(7).
    03  WFONAM  PIC X(30).
    03  WFRTO.
        05  WFROM    PIC 99999.
        05  WTO      PIC 99999.
        05  WFILA    PIC X(13).
    03  WVAR.
        05 WIND PIC X.
        05 WFIL PIC X(19).
    03  VARW REDEFINES WVAR.
        05  WFEXP    PIC X(10).
        05  WEXPF REDEFINES WFEXP PIC 99999999V99.
        05  WFBUD    PIC X(10).
        05  WBUDF REDEFINES WFBUD PIC 99999999V99.
01  RTITL.
    03  FILLER PIC X(8) VALUE SPACES.
    03  FILLER  PIC XX VALUE SPACES.
    03  RA       PIC X(18) VALUE 'S C H E D U L E   '.
    03  RS1      PIC X VALUE '2'.
    03  FILLER   PIC X VALUE SPACES.
    03  RS2      PIC X VALUE '1'.
    03  FILLER   PIC XXX VALUE SPACES.
    03  RCCNT    PIC X(7) VALUE SPACES.
    03  FILLER   PIC X(5) VALUE SPACES.
    03  NAMDIS   PIC X(25) VALUE SPACES.
    03  FILLER   PIC X(5) VALUE SPACES.
    03  PRTDTE   PIC X(18) VALUE SPACES.
    03  FILLER   PIC X(5) VALUE SPACES.
    03  RB       PIC XX  VALUE '- '.
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           03  RP1      PIC X   VALUE '0'.
           03  FILLER   PIC X   VALUE SPACES.
           03  RP2      PIC X   VALUE '1'.
           03  RC       PIC XX  VALUE ' -'.
           03  FILLER   PIC X(29) VALUE SPACES.
       01  RNAMA.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  RNA       PIC X(55) VALUE
            'D E T A I L E D   A N A L Y S I S   O F   B U I L D I N'.
           03  RNB       PIC X(30) VALUE
            ' G S ,   G R O U N D S   A N D'.
           03  FILLER   PIC X(40) VALUE SPACES.
       01  RNAMB.
           03  FILLER   PIC X(10) VALUE SPACES.
           03  RNC       PIC X(57) VALUE
            'S E R V I C E   S Y S T E M S   M A I N T E N A N C E     '.
           03  RNCTE    PIC X(17) VALUE '1 9 7 2 - 1 9 7 3'.
           03  FILLER   PIC X(49) VALUE SPACES.
       01  RNAMC.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  RNL       PIC X(55) VALUE
            'D E T A I L E D   A N A L Y S I S   O F   R E P A I R S'.
           03  RNM       PIC X(32) VALUE
            '   A N D   R E P L A C E M E N T'.
           03  FILLER   PIC X(38) VALUE SPACES.
       01  RNAMD.
           03  FILLER   PIC X(10) VALUE SPACES.
           03  RNT       PIC X(57) VALUE
            'O F   I N S T R U C T I O N A L   E Q U I P M E N T       '.
           03  RDDTE    PIC X(17) VALUE '1 9 7 2 - 1 9 7 3'.
           03  FILLER   PIC X(49) VALUE SPACES.
       01  RNAMF.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  RNW      PIC X(57) VALUE
            'D E T A I L E D   A N A L Y S I S   O F   C A P I T A L '.
           03  RNX      PIC X(12) VALUE ' O U T L A Y'.
           03  FILLER   PIC X(56) VALUE SPACES.
       01  RNAMG.
           03  FILLER   PIC X(10) VALUE SPACES.
           03  RGCTE    PIC X(17) VALUE '1 9 7 2 - 1 9 7 3'.
           03  FILLER   PIC X(106) VALUE SPACES.
       01  RNAMK.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  RNKA     PIC X(57) VALUE
            'D E T A I L E D   A N A L Y S I S   O F   S A L A R I E S'.
           03  RNKB     PIC X(36) VALUE SPACES.
           03  FILLER   PIC X(32) VALUE SPACES.
       01  RNAML.
           03  FILLER   PIC X(10) VALUE SPACES.
           03  RNLA     PIC X(39) VALUE
            ' - - S T A N D . / E . C . / S . A .   '.
           03  RNLDTE   PIC X(17) VALUE '1 9 7 2 - 1 9 7 3'.
           03  FILLER   PIC X(67) VALUE SPACES.
       01  ADET.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  AFCMSK   PIC 99999.99.
           03  FILLER   PIC XXX VALUE SPACES.
           03  AFCTIT   PIC X(30) VALUE SPACES.
           03  CFILL    PIC X(30) VALUE SPACES.
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           03  FILLER   PIC X(57) VALUE SPACES.
       01  BDET.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  BPRARE   PIC X(10) VALUE SPACES.
           03  FILLER   PIC XXX VALUE SPACES.
           03  BSCHOL   PIC X(18) VALUE SPACES.
           03  FILLER   PIC XX     VALUE SPACES.
           03  BDESCT   PIC X(26) VALUE SPACES.
           03  FILLER   PIC X(6) VALUE SPACES.
           03  BDTDOL   PIC X      VALUE '$'.
           03  BCSTOT   PIC ZZZ,ZZZ.99.
           03  FILLER   PIC XX VALUE SPACES.
           03  BCSTT    PIC $ZZ,ZZZ,ZZZ.99.
           03  FILLER   PIC X(33) VALUE SPACES.
       01  AUNDER.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  SCCRE1   PIC X(8) VALUE '--------'.
           03  FILLER   PIC XXX  VALUE SPACES.
           03  SCCRE2   PIC X(30) VALUE '------------------------------'.
           03  FILLER   PIC X(84) VALUE SPACES.
       01  CDET.
           03  FILLER   PIC X(8) VALUE SPACES.
           03  CPRARE   PIC X(10) VALUE SPACES.
           03  FILLER   PIC XXX    VALUE SPACES.
           03  CSCHOL   PIC X(18) VALUE SPACES.
           03  FILLER   PIC XX      VALUE SPACES.
           03  CDESCT   PIC X(26) VALUE SPACES.
           03  FILLER   PIC X(6)  VALUE SPACES.
           03  CDTDOL   PIC X      VALUE '$'.
           03  CCSTOT   PIC ZZZ,ZZZ.99.
           03  FILLER   PIC X(49) VALUE SPACES.
       01  SCHTABL.
           03  SCHENTRY OCCURS 50 TIMES.
               05  NUMORG  PIC XXX.
               05  NAMORG  PIC X(23).
       01  PRCTBL.
           03  PRCTAB OCCURS 4 TIMES.
               05  PRATAB OCCURS 60 TIMES.
                   07  PRAWD   PIC X(10).
       01  STRNAMES.
           03  CONT PIC X(30) VALUE '                    (CONTINUED)'.
       PROCEDURE DIVISION.
           OPEN INPUT FOCARDS.
       CLEAN-CORE.
           CALL 'STAMP', USING DATES, ARG.
           MOVE RET-DATE TO PRTDTE.
           GO TO FO-READ-LOAD.
       FC-LOAD-FINISH.
           MOVE XFONUM TO LONO.
           MOVE SCHEDN1 TO RS1.
           MOVE SCHEDN2 TO RS2.
           OPEN INPUT FFILE.
           OPEN OUTPUT PFILA.
           MOVE SPACES TO PRT.
           IF SCHCN = '1' GO TO REPORT-24.
           IF SCHCN = '2' MOVE RNAMF TO RNAMC MOVE RNAMG TO RNAMD
                          MOVE ZERO TO SCHCN.
           IF SCHCN = '3' MOVE RNAMK TO RNAMC MOVE RNAML TO RNAMD
                          MOVE ZERO TO SCHCN.
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    PERFORM HD-ROUT-25 THRU HD-RT-25-EXIT.
    MOVE FCENTRY (FOASS) TO FOWAREA.
CHECK-LINES-LEFT.
    IF PLCTR   42 PERFORM HD-ROUT-25 THRU HD-RT-25-EXIT.
    PERFORM FORM-FC-PLINE.
READ-FIRST.
    READ FFILE AT END GO TO FFEOF.
    IF BCTCCOD = '1' GO TO READ-FIRST.
CHECK-FIRST.
    MOVE BCTORG TO CURORG.
    MOVE BCTPRC TO CURPRO.
    MOVE BCTPRA TO CURPRA.
    MOVE BCTCDESC TO SAVDESA.
    MOVE CTCOST TC SAVCOST.
CHECK-FIRST-A.
    IF BCTFONO = WFONUM
        ADD OTCOST TO DOLGRP
        MOVE BCTCDESC TO SAVDESA
        MOVE OTCOST TO SAVCOST
        PERFORM BILD-DET-LINE
        GO TO CHECK-NEXT-BOTFONO.
    IF BCTFONO   WFONUM GO TO BUMP-AND-TOTAL.
    GO TO READ-FIRST.
CHECK-NEXT-BOTFONO.
    READ FFILE AT END GO TO FFEOF.
    IF BCTCCOD = '1' GO TO CHECK-NEXT-BOTFONO.
    IF BCTFONO = WFONUM
        PERFORM WRIT-DET-LINE
        PERFORM CHECK-FIRST
        PERFORM BILD-DET-LINE
        ADD OTCOST TO DOLGRP
        GO TO CHECK-NEXT-BCTFONO.
BUMP-AND-TOTAL.
    IF DOLGRP NOT = ZEROS
        PERFORM BUILD-DETT-LINE, PERFORM WRIT-DETTOT-LINE.
    MOVE ZEROS TO DOLGRP.
    ADD 1 TO FOASS.
    IF FOASS   FOLSS GO TO FFEOF.
    MOVE FCENTRY (FOASS) TO FOWAREA.
    PERFORM FORM-FC-PLINE THRU FORM-FOA.
    GO TO CHECK-FIRST.
FORM-FC-PLINE.
    IF SCHCN = '1' AND PLCTR   37
        PERFORM HD-ROUT-24 THRU HD-RT-24-EXIT
        MOVE SPACES TO CFILL.
    IF SCHCN = '0' AND PLCTR   37
        PERFORM HD-ROUT-25 THRU HD-RT-25-EXIT
        MOVE SPACES TO CFILL.
    MOVE WFONUM TO AFOMSK.
    MOVE WFONAM TO AFOTIT.
    WRITE PRT FROM ADET AFTER POSITIONING 1 LINES.
    WRITE PRT FROM AUNDER AFTER POSITIONING 1 LINES.
    MOVE SPACES TO ADET.
    WRITE PRT FROM ADET AFTER POSITIONING 1 LINES.
    MOVE '$' TO CCTDOL.
    MOVE SPACES TO PRT.
    ADD 3 TO PLCTR.
FORM-FOA.
    MOVE ZEROS TO SAVPRA, SAVORGNO.
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WRIT-DET-LINE.
    IF SCHCN = '1' AND PLCTR   42
        PERFORM HD-ROUT-24 THRU HD-RT-24-EXIT
        MOVE '  (CONTINUED)                      ' TO CFILL
        PERFORM FORM-FO-PLINE
        MOVE SPACES TO CFILL.
    IF SCHCN = '0' AND PLCTR   42
        PERFORM HD-ROUT-25 THRU HD-RT-25-EXIT
        MOVE '  (CONTINUED)                      ' TO CFILL
        PERFORM FORM-FO-PLINE
        MOVE RITORG TO CSCHOL
        MOVE SAVPRWD TO CPRARE
        MOVE SPACES TO CFILL.
    WRITE PRT FROM CDET AFTER POSITIONING 1 LINES.
    MOVE SPACES TO CDET.
    ADD 1 TO PLCTR.
    MOVE SPACE TO CDTDOL.
    MOVE SPACES TO PRT.
WRIT-DETTOT-LINE.
    WRITE PRT FROM BDET AFTER POSITIONING 1 LINES.
    ADD 2 TO PLCTR.
    MOVE '$' TO CDTDOL.
    MOVE SPACES TO PRT.
    WRITE PRT FROM BLKLIN AFTER POSITIONING 1 LINES.
PROG-AREA-LKUP.
    IF CURPRA NOT = SAVPRA MOVE BOTPRO TO CURPRO,
        MOVE BOTPRA TO SAVPRA
        MOVE BCTPRA TO CURPRA,
        MOVE PRAWD (PROCUR, PRACUR) TO SAVPRWD,
        MOVE SAVPRWD TO CPRARE
        ELSE MOVE SPACES TO CPRARE.
SCH-LOOKUP.
    IF CURCRG NOT = SAVORGNO
        PERFORM HUNT-ORG THRU HUNT-ORG-EXIT,
        MOVE RITORG TO CSCHOL
        ELSE MOVE SPACES TO CSCHOL.
BILD-DET-LINE.
    IF SCHCN = '0' PERFORM PROG-AREA-LKUP THRU SCH-LOOKUP
        ELSE PERFORM SCH-LOOKUP.
    MOVE SAVDESA TO CDESDT.
    MOVE SAVCOST TO CCSTDT.
BUILD-DETT-LINE.
    MOVE CPRARE TO BPRARE.
    MOVE CSCHOL TO BSCHOL.
    MOVE CDESDT TO BDESDT.
    MOVE SAVCOST TO BCSTDT.
    MOVE DCLGRP TO BCSTT.
FFEOF.
    CLOSE FFILE.
    CLOSE PFILA.
CLOSE-FO-CARDS.
CLOSE-CARDS.
    CLOSE FOCARDS.
    STOP RUN.
HUNT-ORG.
    IF CURCRG   SAVORGNO GO TO BUMP-ORG.
    IF CURCRG = SAVORGNO GO TO HUNT-ORG-EXIT.
HUNT-ORG-A.
    MOVE ZEROS TO SAVORGNO, SNAMSS.
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    MOVE 'SCHOOL NO NAME            ' TO RITORG.
    GO TO HUNT-ORG-EXIT.
BUMP-ORG.
    ADD 1 TO SNAMSS.
    IF SNAMSS   SCHSS GO TO HUNT-ORG-A.
    IF CURORG = NUMORG (SNAMSS)
            MOVE NUMORG (SNAMSS) TO SAVORGNO
            MOVE NAMORG (SNAMSS) TO RITORG
        MOVE ZEROS TO SNAMSS
            GO TO HUNT-ORG-EXIT.
    GO TO BUMP-ORG.
HUNT-ORG-EXIT. EXIT.
REPORT-24.
    PERFORM HD-ROUT-24 THRU HD-RT-24-EXIT.
    PERFORM FORM-FO-PLINE.
READ-ONE.
    READ FFILE AT END GO TO FFEOF.
    IF BOTCCOD = '1' GO TO READ-ONE.
READ-ONEA.
    PERFORM CHECK-FIRST.
CHECK-ONE.
    IF BOTFONO = WFONUM ADD OTCOST TO DOLGRP
                     MOVE BOTCDESC TO SAVDESA
                     MOVE OTCOST TO SAVCOST
                          PERFORM BILD-DET-LINE
                          GO TO CHECK-NXT-BOTFONO.
    IF BOTFONO   WFONUM GO TO BUMP-AND-TOT24.
    GO TO READ-ONE.
CHECK-NXT-BOTFONO.
    READ FFILE AT END GO TO FFEOF.
    IF BOTCCOD = '1' GO TO CHECK-NXT-BOTFONO.
    IF BOTFONO = WFONUM PERFORM WRIT-DET-LINE
        PERFORM CHECK-FIRST
                          PERFORM BILD-DET-LINE
                     ADD OTCOST TO DOLGRP
                          GO TO CHECK-NXT-BOTFONO.
BUMP-AND-TOT24.
    IF DOLGRP NOT = ZEROS PERFORM BUILD-DETT-LINE
                             PERFORM WRIT-DETTOT-LINE.
    ADD 1 TO FOASS.
    IF FOASS   FOLSS GO TO FFEOF.
    MOVE FOENTRY (FOASS) TO FOWAREA.
    PERFORM FORM-FO-PLINE THRU FORM-FOA.
    MOVE ZEROS TO DOLGRP.
    GO TO READ-ONEA.
HD-ROUT-24.
    WRITE PRT FROM RTITL AFTER POSITIONING 0 LINES.
    MOVE 1 TO PLCTR.
HD-RTA-24.
    GO TO HD-RTB-24.
HD-RTB-24.
    ALTER HD-RTA-24 TO PROCEED TO HD-RTC-24.
    MOVE '(CONT.)' TO RCONT.
    ADD 4 TO PLCTR.
    WRITE PRT FROM RNAMA AFTER POSITIONING 2 LINES.
    WRITE PRT FROM RNAMB AFTER POSITIONING 1 LINES.
HD-RTC-24.
    MOVE SPACES TO PRT, ADET.
    WRITE PRT FROM ADET AFTER POSITIONING 2 LINES.
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           ADD 2 TO PLCTR.
           ADD 1 TO PGENC.
           MOVE NCPA TO RP1, MOVE NOPB TO RP2.
       HD-RT-24-EXIT. EXIT.
       HD-ROUT-25.
           WRITE PRT FROM RTITL AFTER POSITIONING 0 LINES.
           MOVE 1 TO PLCTR.
       HD-RTA-25.
           GO TO HD-RTB-25.
       HD-RTB-25.
           ALTER HD-RTA-25 TO PROCEED TO HD-RTC-25.
           MOVE '(CONT.)' TO RCONT.
           ADD 4 TO PLCTR.
           WRITE PRT FROM RNAMC AFTER POSITIONING 2 LINES.
           WRITE PRT FROM RNAMD AFTER POSITIONING 1 LINES.
       HD-RTC-25.
           MOVE SPACES TO PRT, ADET.
           WRITE PRT FROM ADET AFTER POSITIONING 2 LINES.
           ADD 2 TO PLCTR.
           ADD 1 TO PGENC.
           MOVE NCPA TO RP1, MOVE NOPB TO RP2.
       HD-RT-25-EXIT. EXIT.
       FC-READ-LOAD.
           READ FCCARDS AT END GO TO MAX-TABLE.
           IF FCNC = ZEROS GO TO LOAD-HEADER.
           DISPLAY 'NC REPORT IDENTIFIER', PARC.
           GO TO CLOSE-FC-CARDS.
       LOAD-HEADER.
           MOVE PARC TO STORPAR.
           MOVE SNAMDIS TO NAMDIS.
           MOVE SYEARS TO RNDTE, RDDTE, RGDTE, RNLDTE.
       LOAD-SCH-CARDS.
           READ FCCARDS AT END GO TO CLOSE-ERR-SC.
           IF PCFUN = '00' GO TO TRIM-SCHOOL-TAB.
           IF PCFUN NOT = 'SS' GO TO BAD-SCH-DECK.
           ADD 1 TO SCHSS.
           MOVE PCORG TO NUMORG (SCHSS).
           MOVE PCSCHNAM TO NAMORG (SCHSS).
           GO TO LOAD-SCH-CARDS.
       BAD-SCH-DECK.
           DISPLAY 'SCHOOL DECK NOT IDENTIFIED'.
           GO TO CLOSE-CARDS.
       CLOSE-ERR-SC.
           DISPLAY 'INSUFFICIENT SCHOOL CARDS AND NO PA CARDS'.
           GO TO CLOSE-CARDS.
       LOAD-PA-CARDS.
           READ FCCARDS AT END GO TO CLOSE-ERR-PA.
           IF PCFUN NOT = '00' GO TO BAD-PA-DECK.
       TRIM-SCHOOL-TAB.
           MOVE AREAWD TO PRAWD (PROPC, PRAPC).
           IF PCPRO = '04' AND PCPRA = '60' GO TO FO-AGAIN.
           GO TO LOAD-PA-CARDS.
       BAD-PA-DECK.
           DISPLAY 'PROG-AREA CARDS IMPROPERLY CODED'.
           GO TO CLOSE-CARDS.
       CLOSE-ERR-PA.
           DISPLAY 'INSUFFICIENT PA CARDS AND NO FO CARDS'.
           GO TO CLOSE-CARDS.
       FO-AGAIN.
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    READ FCCARDS AT END GO TO MAX-TABLE.
    IF FCNC   STORFONO GO TO FO-LOAD.
    GO TO FO-LOAD.
    IF NINC = ' ' GO TO FO-LOAD.
    DISPLAY 'FC-SEQUENCE', STORFONO, FOCD.
    GO TO FO-AGAIN.
FO-LOAD.
    IF FCLSS   450
        DISPLAY 'FO EXCEEDS 450', GO TO CLOSE-FO-CARDS.
    ADD 1 TO FCLSS, FOLCHK.
    MOVE FCNO TO STORFONO.
    MOVE FCCD TO FCENTRY (FCLSS).
    GO TO FO-AGAIN.
FO-TAB-OVERLOAD.
    DISPLAY 'FC-TABLE OVERLOADED', PARC, '  ' FOLCHK.
    MOVE 500 TO FCLSS.
    ADD 1 TO FCLCHK.
    GO TO FO-AGAIN.
MAX-TABLE.
    IF FCLSS   450
        DISPLAY 'FO EXCEEDS 450', GO TO CLOSE-FO-CARDS.
    DISPLAY 'FC-LOAD SIZE  ', FOLCHK.
START-FO-ACCESS.
    MOVE FCENTRY (FOASS) TO FOWAREA.
    IF WINC = ' ' GO TO FO-LOAD-FINISH.
    DISPLAY 'REPORT FIRST FOENTRY NOT LINE-ENTRY', FOWAREA.
    GO TO CLOSE-FO-CARDS.
```